

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

MAY'S CATALOGUE OF NORTHERN GROWN SEEDS, PLANTS, BULBS & FRUITS

RECEIVED
LIBRARY
NOV 24 1901
2 Department

SIX RARE SWEET PEAS.

1	Grace May,	Pkt.	5 cents
2	Juanita,	"	5 "
3	Mrs. Dugdale,	"	10 "
4	Countess Cadogan,	"	10 "
5	Katherine Tracy,	"	5 "
6	Mars,	"	5 "

The entire collection for 25 cents, postpaid.

THREE LOVELY CARNATIONS.

7	White Cloud,	10 cents
8	Mrs. Lawson,	25 "
9	Mrs. Crane,	15 "

The collection for 30 cents, postpaid.

THREE ELEGANT ROSES

10	Liberty,	25 cents
11	Beauty of St. Paul,	15 "
12	Golden Gate,	10 "

The collection for 35 cents, postpaid.

OUR GRAND OFFER—
The three Collections complete for
75 cents, postpaid.
For descriptions see page 2.

L.L. MAY & CO., ST PAUL, MINN.

JAN. 1901

GREEN HOUSES & GRASS SEED DEPT.

75,000
SQUARE FEET
OF GLASS

COMO AVE. ST PAUL
15,000 SQUARE FEET
OF FLOOR SPACE

SEED
COT FLOWERS
PLANTS
CATALOGUE
DEPARTMENT

L.L.MAY & CO.

64 E. 6TH ST.

17,000 SQUARE FEET FLOOR SPACE

WHOLESALE DEPT.

GARDEN

FIELD & FARM

SEEDS.

L.L.MAY & CO.

TIMOTHY
CLOVER
OTHER GRASSES
BOUGHT & SOLD.
Catalogue mailed
on Application.

L.L.MAY & CO.

MAYFIELD NURSERIES
AND SEED FARM
Lakeland, Minn.

243 ACRES.

8,000 SQUARE FEET FLOOR SPACE
LAKELAND WAREHOUSE.

POTATOES
ONION SETS ETC.
FARM SEEDS

PARTIAL VIEW OF

L.L.MAY & CO.

MANMOUTH SEED, NURSERY & GREENHOUSE ESTABLISHMENT, ST. PAUL, MINN.

381-383
MINNESOTA ST.



To Our Friends and Patrons.

The past year was one of peace and prosperity throughout the land and was a fitting close to the nineteenth century, which has been so replete with wonderful achievements in every branch of art, science and husbandry. A hundred years ago the "seedsman" was unknown; today his goods are a necessity, and the bonanza farmer, with his broad acres, are alike dependent upon the seedsman for the success which crowns their efforts in tilling the soil. Realizing more than ever the necessity for supplying **Choice Seeds** to our patrons, we have increased our facilities for growing and testing everything we send out, until we have no hesitancy in saying that **May's Northern Grown Seeds** are unsurpassed for purity, productiveness, earliness and hardness and are offered to our customers in the firm belief that they will give perfect satisfaction.

At our Mayfield Nursery and Seed Farm, located a few miles from the city, we grow many of the varieties of seed which we offer herewith. At the same farms we thoroughly test every variety before cataloguing it. Varieties proving unworthy of cultivation are discarded, and only those showing decided merit are retained. This gives us an advantage possessed by but few seedsmen and one which certainly will inure to the benefit of our customers, for we shall offer nothing unless it stands our rigid tests well.

Our nursery located at Mayfield is governed by the same principle that has developed and built up our immense seed business, viz.: strict integrity in discarding worthless varieties and rigid tests in scrutinizing new ones. Nothing but well known, tested varieties are offered, and only the best stock shipped out.

At our greenhouses on Como avenue in this city we grow all our tender plants, roses, etc., under the supervision of competent men, and no firm in the world is better equipped for sending out choice, well grown plants than we are.

On the inside front cover of this catalogue will be found faithful representations from photographs of the different buildings and locations in which our business is transacted. Each department is supervised by an expert in that particular branch, and all our work systematized with the view of executing our orders expeditiously and filling them with the best goods to be produced.

Yours for the best seeds and plants that are produced,

L. L. MAY & CO., ST. PAUL, MINN.

PLEASE READ CAREFULLY BEFORE ORDERING.

Northern Grown Seeds are known to be superior to all others, being earlier, hardier and more productive.

We Test All Seeds As soon as received from our growers, and never send out an ounce that does not show a high germinative test.

St. Paul being a Railroad Center, Freight rates are exceptionally low and freight shipments can be hurried to destination more rapidly than from less favored points.

Express Rates on Seeds, Plants and Bulbs Are 20 per cent lower than merchandise rates. Bear this in mind when receiving stock and insist on the express company giving you the proper rate.

Express and Freight. Many of our customers do not stop to consider the difference between express and freight charges, and frequently order large quantities of seed by express, when it could be sent by fast freight just as well, and at a much less expense. The express rates are naturally very much higher than the freight. Please remember this and give directions accordingly.

Prepaid Stations. Many small railroad stations are **prepaid stations** and the railroads will not accept freight for such points unless charges are fully prepaid. It will save delay if you ascertain if your station is a prepaid one before sending your order and include enough money to cover freight charges if it is.

Order Early. We earnestly request all customers to place their orders early, as it will assist us greatly in getting everything out promptly. Those who order bulk seed can have them sent by freight, and thus save excessive charges.

Use the Order Sheet In this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in the body of a letter. This will assist us greatly in filling your order.

C. O. D. Shipments. We must decline to ship goods C. O. D. unless the purchaser remits in advance sufficient money to pay transportation charges and cost of packing, etc., or at least one-third the amount of the order.

Orders must be accompanied By the money to pay for the goods. We cannot open small accounts, and will decline to fill orders unless accompanied by the cash. This is a uniform rule from which we cannot and will not deviate.

Your Order, no matter how large or small, will always receive our prompt and careful attention.

Postoffice Money Orders may be obtained at nearly all postoffices at a small cost. This is a good way to send money.

Drafts on St. Paul, New York or Chicago can be obtained at any bank and are perfectly safe.

Express Money Orders can be had at the office of the American, United States, Adams, Northern Pacific, Wells, Fargo & Co., Great Northern, or any other express company.

Registered Letters cost but 8 cents, and money should be sent in this way in case it cannot be sent by any of the above methods.

When remittances are not made according to these directions, we disclaim all responsibility.

U. S. Postage Stamps accepted for sums less than \$1.00.

Don't forget your name, postoffice and state.

Personal Checks. Do not send personal checks, as we are obliged to pay for collecting same and will therefore have to deduct this charge from your order.

May's Seeds Postpaid. At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart. On seeds in larger quantities, or offered by express or freight, the purchaser pays the transportation charges.

Seeds Free. Extras are sent with each order, and many are the kind letters we have received from our customers, who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent with their order.

We are Seed Growers. By this we mean that we do not buy our seeds on the open market, as do many seed firms at the present time, but grow them ourselves. We know it will pay you to order May's Seeds, as you will then avoid the disappointment which so often follows the sowing of seeds that are purchased from commission dealers throughout the country, seeds which in many cases have been under the counter for years and are worse than worthless to a gardener or farmer.

The Best is None Too Good for Our Patrons. And we realize this as much as any of our largest market gardeners, and know there is not a firm in the world which is more particular regarding the purity of their seeds than we are, but still, like all other seedsmen, we do not give any warranty, express or implied, as to the description, quality, productiveness or any other matter connected with the seeds, plants, bulbs, etc., which we send out, nor will we be responsible in any way for the crop. Every order received for goods enumerated in this catalogue will be executed and sent out only on these conditions.

NOVELTIES AND VARIETIES OF SPECIAL MERIT.



MARIE GUILLOT ROSE.

The Queen of all White Roses. Although not a novelty, this grand rose possesses so many good qualities that we accord it first place among the white sorts. The color is pure snow white, sometimes faintly tinged pale yellow. The flowers are of magnificent form, extra large, full and double, the buds are most beautiful and it is deliciously perfumed. For outdoor culture it is unsurpassed, as it blossoms continuously and profusely the entire season, being literally smothered in flowers from early summer till killed by frost. It is also desirable for pot culture and certainly deserves to be placed in the front rank of everblooming tea roses. 15c each.

Liberty Rose. (See cut front cover.) This variety, the acme of perfection in the rose grower's domain, will fill a long felt want, not only with the commercial florist, who grows flowers for profit, but also with the amateur, who grows them for pleasure and the love he bears them. It was introduced last year, but on account of the excessive price placed upon it was not widely disseminated. At an enormous expense we secured a large stock from which we have propagated several thousand strong, stocky plants, enabling us to offer it to our patrons at a very moderate price. Do not be misled by seedsmen and others offering this variety at low prices, for in several cases we know of Meteor, which it resembles, but to which it is far superior, being sent instead. It is an everblooming Hybrid Tea, said to be hardy in many localities in the North. It is a rapid, vigorous grower, a very free bloomer, with a beautiful, clean, healthy foliage at all times. The color is a deep, glowing crimson, the petals being covered with a rich, velvety bloom. It is very fragrant, resembling the Hybrid Perpetuals in this respect. The buds are of perfect form and appearance, gradually expanding into blossoms of the largest size, which last a long time. Planted in the open ground it makes a wonderful growth, and is covered profusely throughout the season with its large fragrant blossoms. As a pot plant it is without a peer, as it forms a compact, bushy plant, at all times clean and healthy and in bud and bloom. As a cut flower the past season, it commanded almost fabulous prices in New York and the large Eastern cities, while recent reports indicate an unprecedented demand for this flower wherever grown. 25c each; \$2.50 per dozen.

Rose, Beauty of St. Paul. (See front cover.) This variety we have grown for several years in our greenhouses in order to test its merits thoroughly, and now offer it for the first time. Like its companion, the Liberty, it is a Hybrid Tea possessing the same general characteristics as that grand variety. The plant is vigorous and one of the most profuse bloomers we have ever seen; in fact, it is never out of bloom. As a bedder in the open ground, it surpasses anything ever grown by us; as a pot plant it is equally desirable. The color is a deep glowing pink, a trifle darker than the Bridesmaid. The buds are tight and pointed like that variety, though the petals are longer, and when fully expanded the blossom is similar to the well known Lafrance. 15c each; \$1.50 per dozen.

Rose, Golden Gate. (See front cover.) This variety was introduced several years ago, but its many points of excellence have but recently become known. It is therefore not an untried novelty, and after three years' careful testing under many and trying circumstances we can unhesitatingly offer it as a variety possessing unquestionable merit both for professional and amateur growers. It is a free, everblooming tea of great vigor of growth, clean and healthy habit and is one of the finest bedders we have ever seen. The stems are long and stiff, the blossoms extra large and full, and one of the best keepers we have ever grown. The color is creamy white, sometimes delicately tinged pink on the ends of the petals. The buds are long and pointed and of extremely graceful appearance. 10c each; \$1.00 per dozen.

Mrs. Lawson Carnation. The \$30,000 beauty which created such a furore in society circles the past year. Originated with Peter Fisher of Ellis, Mass., purchased by Mr. Thos. Lawson of Boston for \$30,000 and now offered to the public for the first time. A little over a year ago the newspapers made the startling announcement that the enormous sum of \$30,000 had been paid for the stock consisting of a few hundred plants of this wonderful flower. People, at first incredulous, were soon convinced by undoubted evidence from both seller and buyer of the genuineness of the sale. Since then this variety has received more gratuitous advertising than was ever accorded any single variety of plant, tree or flower in the world. At a very large figure we secured a small stock of the genuine plants soon after its introduction, and by careful and continuous propagating now have a choice stock of several thousand strong, thrifty plants. Owing to the unusual demand for this variety our customers will do well to place their orders early. The plant is very strong and vigorous, clean and healthy, a profuse and continuous bloomer. The flowers are of the largest size, measuring from 3 to 4 inches in diameter, borne on strong, stiff stems, and never burst. They remain fresh a long time after being cut and never fade. The color is a deep, rich, cerise pink. It is exceedingly fragrant, and on account of its size and fragrance commands a much higher price in the market than any other variety. 25c each; \$2.50 per dozen.

Carnation, Mrs. Crane. This variety, offered for the first time last year, is the richest and best crimson carnation yet introduced. The plant is strong, vigorous, and healthy. It is a very upright grower and produces flowers of the largest size, borne on straight, stiff stems 20 to 24 inches long. The bloom is full and double, $2\frac{1}{2}$ to 3 inches in diameter, finely fringed, and delicately perfumed. The color is a rich, clear, brilliant crimson. The blossom never bursts and it is a wonderful keeper on the plant or when cut, retaining its form and brilliancy for many days. 15c each; \$1.50 per dozen.

Carnation, White Cloud. This is a beautiful carnation of recent introduction, which after thorough trial we do not hesitate to pronounce the best white ever introduced. The plant is of that healthy vigorous style of growth, so much sought after by the best growers. The blossoms are extra large, of superb form and texture (the finest we have ever seen in any carnation), are borne on strong, stiff stems and retain their form and freshness a long time after being cut and placed in water. It is a sure and constant bloomer, rendering it valuable alike to professional and amateur cultivators. 10c each; \$1.00 per dozen.

SIX NEW, RARE AND BEAUTIFUL SWEET PEAS—See Front Cover.

All lovers of these beautiful flowers will be pleased with this collection, embracing as it does so many beautiful colors (of which our illustration gives but a faint idea), blossoms of the largest size, and varieties which for profusion of bloom are not surpassed by any ever offered.

Grace May. Introduced by ourselves several years ago. The blossoms are of the largest size, pure white and produced in the greatest profusion throughout the season. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Juanita. Large, shell-shaped flowers; white, delicately striped and clouded rose lavender. A vigorous grower usually bearing 3 flowers to a stem. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Mrs. Dugdale. Standards lovely rose color shaded primrose; wings primrose splashed and shaded light rose; a grand flower, new and desirable. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 50c.

Countess Cadogan. Standards bright shining violet, overlaid with light blue; wings pure sky blue, hooded form, new, distinct and desirable. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 50c.

Katherine Tracy. Exquisite bright pink; a large, perfect flower, stands the hot sun without fading. A vigorous grower and a most profuse bloomer. The finest and best of its color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Mars. Bright fiery crimson. A gorgeous flower, of large size and perfect form, stems long and slender, bearing 3 to 4 blooms each. A strong grower, and a liberal bloomer. The best of its color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

SPECIAL OFFER ON SWEET PEAS.

One packet of each of the six varieties for	25c, postpaid.
ounce	50c,
$\frac{1}{4}$ pound	\$1.50

TWO GREAT ONIONS.

Unequaled for Productiveness and Flavor, and Unexcelled for Home or Market Use.

MAY'S NEW IMPERIAL ONION

MAY'S NEW IMPERIAL. A wonderful variety of German origin which we introduced several years ago, and which at once sprung into popular favor, and has increased in popularity each year until its sales are nearly as large as White Globe or Red Wethersfield. From all sections of the country we have received the most flattering testimonials from large growers who consider it the best and most profitable variety ever grown. Here is what an enthusiastic gardener near St. Paul says: "It is one of the handsomest onions I have ever seen and certain to become a great favorite with the market gardeners on account of its size, solidity and splendid quality." The color of skin is a light yellow, flesh solid and fine grained. Yields of from 800 to 1100 bushels per acre are frequently reported by those growing this splendid onion, and we believe it is by far the best of all yellow varieties for both private and market use. We earnestly urge everyone who has a garden to try our IMPERIAL this year, and the large growers who make a specialty of growing for the markets will make a mistake if they fail to give IMPERIAL a thorough test. Pkt. 10c, 3 pkts. 20c, oz, 30c, ¼ lb. 90c, lb. \$2.75, 4 lbs. \$10.00, postpaid.

GOOD FOR 1100 BUSHELS PER ACRE

Peerless White Globe. This is a carefully selected and improved strain of the old variety. By careful selection from year to year we have produced a new strain of the highest, purest and best type. The bulbs are of uniformly large size, perfect formation, fine grained and of firm texture, enabling it to keep the longest time possible. In addition to these good qualities it is one of the largest yielders ever grown, and always commands the highest price in the markets. It is one of the very best for home use and one of the most profitable for market gardeners. It is invariably a heavy yielder, many crops of from 600 to 1,200 bushels per acre being reported. One of the largest growers in the country has this to say regarding this variety: "Your Peerless White Globe is the greatest onion ever grown. From a little over three-quarters of an acre this year I harvested 1,000 bushels of the finest onions I ever saw. There wasn't a single small one in the entire lot, and all the bulbs are large and smooth. I can easily get 10c more per bushel for them now than for any other variety, and this winter when they are scarce I expect to get 25c per bushel more. They are so firm and hard they look as if they would keep for years, while the flavor is so fine that we have them for every meal. This year I tested nearly 80 varieties of onion from 8 or 10 of the leading seedsmen, and your Peerless beat them all. I will plant 10 acres to this sort next year." These are certainly high words of praise, coming from one who makes a business of growing onions, and we earnestly hope every one of our customers who grows onions will not fail to try the Peerless. Pkt. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.40, 4 lbs. for \$9.00.

HUNDRED WEIGHT CABBAGE HUNDRED WEIGHT.



The largest of all the cabbages. In this variety we have the largest of all this class of vegetables, single specimens having been known to weight over 40 pounds each. It is certainly the truest type of the large late variety, and while not so uniform in shape as some sorts, it will average more good solid saleable heads per acre than any other extra large late cabbage. If you wish to surprise your neighbors with the largest cabbage ever raised in your section and take first premium at the county fair, this is the variety you want. The keeping qualities are excellent and it is therefore a valuable sort for gardeners growing for distant markets. The heads are round, flattened, very solid and with few outer leaves. Remember our seed is American grown and certain to give the best results. Pkt. 15c, 2 pkts. 25c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

Japanese Climbing Cucumber. A marvelous climbing variety introduced from Japan. It is indeed a novelty and worthy the attention of every farmer and gardener. The vines are strong growing and immensely productive, it being estimated that it will yield three times more than any other variety in a given space. The cucumbers are about ten inches in length, and of a beautiful green color; the flesh is firm and free from the bitter taste found in some varieties. It can be trained on poles, trellises, fences, or in fact any place where a vine can be grown, and will save much valuable space in the garden. One of our customers who tried it last season writes: "Your Japanese Climbing Cucumber is the wonder of our city." Another one says: "The Japanese Climbing Cucumber is the best variety I've ever seen and is certainly unequalled for slicing." Our seed is carefully selected. Pkt. 10c, 3 pkts. 25c, 7 pkts. 50c.

The largest of all the cabbages. In this variety we have the largest of all this class of vegetables, single specimens having been known to weight over 40 pounds each. It is certainly the truest type of the large late variety, and while not so uniform in shape as some sorts, it will average more good solid



JAPANESE CLIMBING CUCUMBER



Cucumber, White Pearl.

This variety is the handsomest we have ever grown. The fruit even when small is a beautiful pearly white, tender and crisp. A fine variety for forcing for early market. On account of its fine appearance it always commands the highest price. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.00.

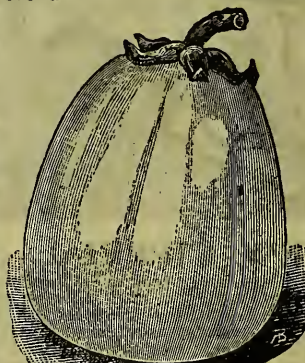
Egg Plant, New White Pearl.

This variety introduced from Georgia is a distinct and decided novelty in this fruit. The fruit is very large, fine grained, of superior flavor. It is a pure creamy white with a slight tinge of green near the stem. We can highly recommend it and are confident when its merits become better known it will supersede the purple variety. Pkt. 10c, oz. 50c.

Tomato, Crimson Cushion.

This variety is of immense size, almost seedless, solid flesh, ripens thoroughly, an excellent shipper and unsurpassed for table use. It is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end"; in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripening up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from 3 bushels of ordinary tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty," and of superb quality. It is enormously prolific and early for so large a tomato. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

White Pearl Egg Plant.



This is a new variety said to possess sterling qualities which render it particularly valuable for the home garden. The fruit is large, of perfect shape, smooth. The flesh is very solid, of a dark rose color and of the finest quality. It is medium early and enormously productive. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

Waldorf Tomato.

This is another new variety of great merit, which first appeared as a "sport" in a field of new stone. Its distinctive features are its solidity, long keeping qualities after being picked and the remarkable changes of color the fruit undergoes during growth and ripening. First of all it is light green, then waxy white, then lemon changing to red, and when fully ripe a rich bright red. On account of its great keeping qualities it is one of the best shippers grown and should be planted extensively by all who do a shipping trade. Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

Honor Bright Tomato.

This wonderful variety was introduced by us several years ago and immediately sprang into great favor wherever grown. It is not an untold novelty, but has stood the test of several years and once planted is never discarded. It is the tomato for the millions, and every owner of a garden, no matter how small, should not fail to grow this wonderful tomato. It grows from 10 to 15 feet in height and if planted early will begin to ripen its fruit by July 4th and bears its heavy loads of luscious fruit until killed by frost. It is the largest tomato we have ever seen and of most delicious flavor. The flesh is firm and solid, almost seedless, fine grained clear through and of the most delicious flavor ever found in a tomato. The fruit weighs from 16 to 24 ounces and specimens have been grown weighing 3 pounds. One well developed plant will produce enough fruit for a small family the entire season. The originator spent 20 years in experimenting with this fruit before success crowned his efforts. Owing to its almost seedless nature it has never been cultivated by seed growers and seed is scarce and always will be. A dozen well grown plants however will produce as much fruit or more than 100 plants of the common sorts, so that large quantities of the seed will never be required for single gardens. It stands without a peer in the tomato family and challenges the world to produce its equal. **CULTURAL DIRECTIONS**—Sow seed very early in spring in frames or in boxes in the house. When plants are about 2 inches high transplant into a 2½ inch pot. As soon as weather will permit transplant to open ground in a deep, rich, well manured soil 2 feet or more apart. Water immediately and continuously throughout the season. Plant in a warm, sunny position, where they will get all the sun possible. After they attain a height of five feet cut off the tops so that the strength of growth will go to fruit instead of vines. Train and tie the vines to a stout trellis. Pkt. 20c, 3 pkts. 50c.

Giant Tree Tomato.

This wonderful variety was introduced by us several years ago and immediately sprang into great favor wherever grown. It is not an untold novelty, but has stood the test of several years and once planted is never discarded. It is the tomato for the millions, and every owner of a garden, no matter how small, should not fail to grow this wonderful tomato. It grows from 10 to 15 feet in height and if planted early will begin to ripen its fruit by July 4th and bears its heavy loads of luscious fruit until killed by frost. It is the largest tomato we have ever seen and of most delicious flavor. The flesh is firm and solid, almost seedless, fine grained clear through and of the most delicious flavor ever found in a tomato. The fruit weighs from 16 to 24 ounces and specimens have been grown weighing 3 pounds. One well developed plant will produce enough fruit for a small family the entire season. The originator spent 20 years in experimenting with this fruit before success crowned his efforts. Owing to its almost seedless nature it has never been cultivated by seed growers and seed is scarce and always will be. A dozen well grown plants however will produce as much fruit or more than 100 plants of the common sorts, so that large quantities of the seed will never be required for single gardens. It stands without a peer in the tomato family and challenges the world to produce its equal. **CULTURAL DIRECTIONS**—Sow seed very early in spring in frames or in boxes in the house. When plants are about 2 inches high transplant into a 2½ inch pot. As soon as weather will permit transplant to open ground in a deep, rich, well manured soil 2 feet or more apart. Water immediately and continuously throughout the season. Plant in a warm, sunny position, where they will get all the sun possible. After they attain a height of five feet cut off the tops so that the strength of growth will go to fruit instead of vines. Train and tie the vines to a stout trellis. Pkt. 20c, 3 pkts. 50c.



Giant Tree Tomato.



Faust Crimson.

Valentine Giant Stringless Bean.

This valuable variety which is of recent origin has proven to be superior to any other green podded bean ever offered and will be prized by all who grow for home or market use. It possesses the following points of superiority over the old Red Valentine and other sorts: 1—It is ready for market fully a week earlier. 2—The pods average $\frac{1}{2}$ larger, being from 5 to 6 inches in length. 3—They are always absolutely stringless, round, full and fleshy. 4—It is more prolific, producing from 20 to 30 per cent more pods. 5—Its quality is unsurpassed, being most deliciously flavored. It is beyond question the most profitable bean to grow for the early market, as its enormous yields, its earliness and its good quality all combine to render it very popular and much sought after. Give it a trial this year and you will forever plant it afterwards. Pkt. 10c, pt. 35c, qt. 60c, pk. \$2.00.

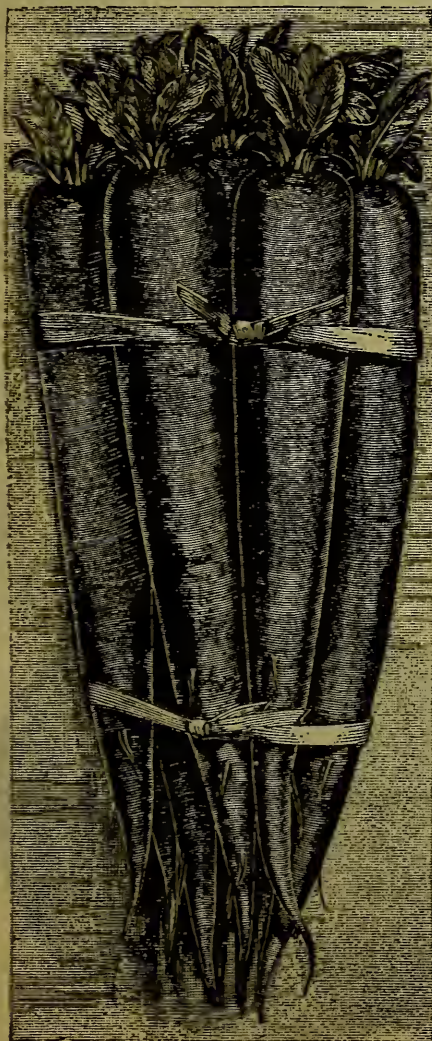
Beet, Faust's Crimson.

This variety, introduced a few years since from Germany, is of medium to large size, of a very

pleasing dark crimson color. It is exceedingly fine grained, crisp, tender and deliciously sweet. The very best table beet we have ever seen. In addition to these fine qualities it is one of the earliest, if not the very earliest, in cultivation, rendering it of great value to market gardeners and truckers. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Nutting's Crimson. This is another early turnip beet introduced from England, where it is highly prized for table use. The color is an intense deep crimson, the flesh tender and melting. It comes into market very early, and, while not as large as some turnip shaped varieties, is a valuable addition on account of its earliness and its fine quality. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. 90c.

The Cincinnati Market Radish. (See cut.) The tops of this new radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grow straight and smooth and from 6 to 7 inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive bright scarlet color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.



The Cincinnati Market Radish.

Radish, Brightest Long Scarlet. 'Cardinal White Tipped.' A new sort; resembles Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white; rapid seller on market. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.



Yellow Queen.

Yellow Queen. The best first early head lettuce. A very desirable early variety, of a most pleasing golden-yellow color, and second to none for forcing. It is one of the most deceptive varieties we have ever seen, as at first glance it seems to be of medium size, but it forms all solid heads, with little or no waste, so that there is really more to it than in many Lettuces double the size. It is very crisp, tender and juicy. We cannot recommend it too highly. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

SPECIAL OFFER.

One packet of each of the seven specialties described on this page for 40c.



Bean, Valentine Giant Stringless.

Lettuce, Wonderful.

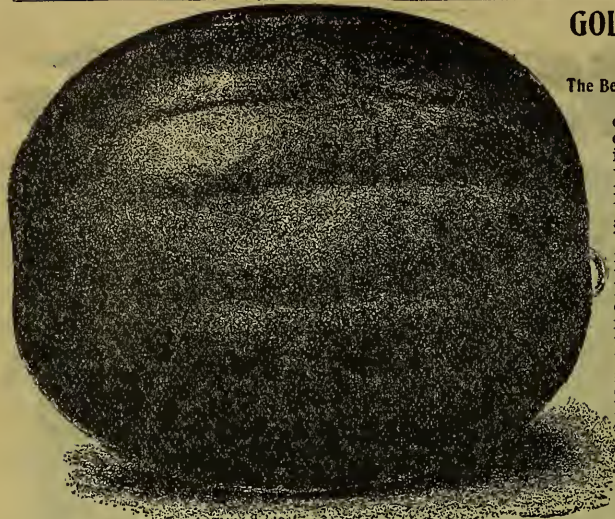
(See cut.) Introduced two years ago and continually growing in favor. The large, white heads resemble cabbage in their solidity, and frequently weigh 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well, making a fine variety for all seasons. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Passion Lettuce.

A large drumhead sort, with the outer leaves tinged with brown. Considered one of the finest for hotel and private use and quite popular with the leading hotels in New York, Boston and San Francisco. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c.



Wonderful.



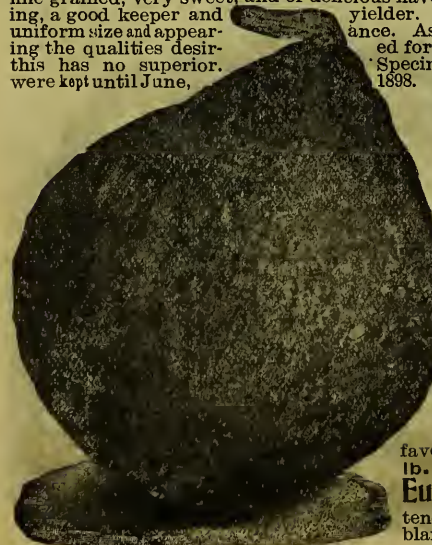
Black Diamond Water Melon.

Black Diamond Water Melon. Recently introduced, and claimed by large growers to be one of the best market varieties ever offered. The fruits are of large size, often weighing from 75 to 100 pounds each. The color is a rich, deep greenish black, and the shape of the melons is roundish oval. Rind thin, but quite tough, enabling it to withstand rough handling. Flesh rich red, thick, firm, solid and sweet. The vines are vigorous, productive, and ripen the fruit extremely early for so large a variety. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.

Kleckley's Sweet Water Melon. For home use this melon is unsurpassed, but it is not recommended for shipment, owing to its thin brittle rind. The vines are strong and vigorous and the fruits grow uniformly to quite a large size; oblong in form, eighteen to twenty inches long and ten to twelve inches in diameter, rather tapering at the ends. The skin is a rich dark green, while the flesh is bright scarlet, ripening close to the skin, the rind being only about half an inch in thickness. The seeds are white and rather long in shape, being in two rows lying close to the rind, they leave a very large, solid heart which does not crack open when ripe, as is the case in many large melons. The rich, bright-scarlet flesh is crisp, sugary, and melting to the highest degree, being entirely free from any stringiness. The rich coloring of the flesh together with its luscious sweetness combine to make it the finest table melon now in cultivation. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

Paul Rose Musk Melon. A cross of the Osage with the Netted Gem. Size and shape is that of the Netted Gem; skin is heavily netted. The flesh is quite thick, of rich orange red color, ripening close to the rind, and in flavor is sweet and luscious. It ripens about two weeks earlier than the Osage. The thickness of its flesh and the firmness of its rind make it the best melon for shipping. The size of the fruits, which are of uniform shape, is very convenient for packing in baskets; they are usually sent to the market in ½-bushel baskets containing 16 melons, two layers of eight melons each; the weight of such a basket is 25 pounds. Pkt. 10c, oz. 15c; ¼ lb. 35c, lb. 85c.

Golden Bronze. A cross, some five years ago, of the Bay State and Boston Marrow. In form the same as the last named, with stem and blossom end precisely like that variety, also having that peculiar wrinkled appearance of the skin, like the Boston Marrow. Size averaging from eight to ten pounds; color a dark, grayish green with bronze on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, very sweet, and of delicious flavor. Early in maturing, a good keeper and uniform size and appearing the qualities desirable this has no superior. were kept until June, 1898.



Golden Bronze Squash.

GOLDEN HUBBARD SQUASH.

The Best Fall and Winter Squash.

This is a perfect type of the green Hubbard, except in color, which is bright orange red, very showy and attractive. The fruits are very uniform in size, weighing from six to eight pounds, and in shape are like the green Hubbard. The flesh is deep orange, much richer in color than Hubbard, cooks very dry, fine grained and of excellent flavor. Fruit matures very early. Their keeping qualities are fully equal to the green variety, and they can be held over in good condition for spring use. It is a vigorous grower, and in productiveness far exceeds the old variety. Owing to its handsome appearance, and its excellent qualities, the Golden Hubbard is bound and deserves to become a most popular variety. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c.



Golden Hubbard Squash.

Caragana Arborescens, or Siberian Pea Tree.

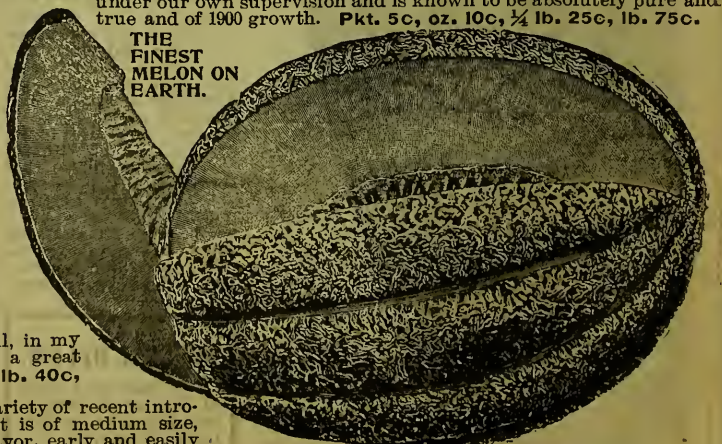
In introducing this valuable hardy tree, we do so feeling assured the advantages gained, particularly in our prairie sections, will be speedily realized as a matter of economy and extreme usefulness. The great merit of this beautiful shrub not only lies in its attractive appearance as a lawn shrub, but serves as a wind-break or hedge, having a dense mass of pea-shaped flowers of a delicate yellow, tinted to a deep orange (which might be truly called the tree of gold), blooming in the early spring and throwing forth its sweet scented odor, which can be detected a long distance. The extreme hardness of this wonderful tree makes it all the more valuable, being a native of Northern Russia. We believe Prof. Saunders, of the Experimental Farms at Ottawa, Canada, was the first to realize the great merit of the Caragana, and from these extensive tests have been made throughout Manitoba with gratifying results. Trees of this variety were planted in 1890 on the Experimental Farm at Indian Head, Northwest Territory, Canada, and have stood the severity of that climate without injury, and in fact, out of a large collection of different varieties of foreign importation of shrubs, the Caragana continues to give the best satisfaction for single lawn specimens.

For Wind-Breaks or Hedges. The Caragana is a very hardy, ornamental, deciduous tree or shrub attaining a height of 15 feet. When required for a hedge, this variety, trimmed when young, can be readily shaped and a very dense hedge can be obtained to corral stock. Flowers yellow, borne in clusters; leaves resembling something the shape of the Locust, the leaflet ending in a short, sharp point. It is of easiest culture in sandy soils. Sow the seed in the spring in rows two inches deep and three inches apart. Thin out and transplant. One ounce contains about 1000 seeds, realizing in a short time a large number of plants. Transplant from one foot to eighteen inches apart. Our stock of this valuable seed is limited. PRICE—Pkt. 10c, containing about 25 seeds; oz. 50c, ¼ lb. \$1.50, lb. \$5.00.

THE FAMOUS ROCKY FORD MUSK MELON.

The Epicure's Delight. The sweet and luscious fruit that has become world famous for its flavor. As sweet as sugar, as juicy as an orange and as delicious as a peach, the acme of perfection in the melon line. The Rocky Ford Netted Gem Musk Melon is an improved variety of the nutmeg type, cultivated and made famous by the Colorado growers in the Rocky Ford Valley. It is of small size, averaging five or six inches in length, some specimens being round, others slightly oval. The ground color of the skin is, when ripe, of a rich, greenish gold. The netting, which is very prominent, and light in color, renders the outer appearance very attractive. The flesh is very deep, ripening clear to the rind, the seed cavity small. The flesh, which is very sweet and luscious and of melting tenderness, is considered very choice by epicureans. Many carloads have been shipped from Colorado in the past 3 years to New York, Philadelphia, Boston, Baltimore, Chicago, Detroit, Cleveland, Cincinnati and other Eastern markets. All of the leading hotels in the country will buy no other melons while the Rocky Fords are in the market. They command the highest price in all markets and readily sell at double the price paid for ordinary stock. At our Mayfield farms last summer we grew thousands of bushels of this variety, which sold readily in our home and surrounding markets at double the price paid for other sorts. With such a delicious fruit that can be grown in every garden, what matters it if you cannot grow oranges, peaches, pineapples and the other fruits of more favored climes. In the Rocky Ford we have all the good qualities of all the fruits, the crowning triumph of the 19th century in the epicurean realm. The stock which we offer was grown at Mayfield under our own supervision and is known to be absolutely pure and true and of 1900 growth. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

THE
FINEST
MELON ON
EARTH.



Genuine Rocky Ford Melon.

Mr. M. B. Faxon, who introduced to the public the famous "Taxon Squash," thus writes of this new variety: "It is with great pleasure that I write you a few lines in regard to your new squash. I have closely watched the development, and tested this squash for two years, and I feel sure it is a most desirable new vegetable. For quality it is all that can be desired, dry, fine grained, and sweet. A good cropper and splendid keeper; in fact, I may say that, both as a table squash and for pies, it will, in my opinion, at once become a great favorite. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Eureka Celery. A choice variety of recent introduction. It is of medium size, tender, crisp and of excellent flavor, early and easily blanched. Recommended highly by the best celery growers in the country. Pkt. 10c, oz. 25c.

The Wonderful New Oats. Scottish Chief.

We obtained this variety last season direct from Glasgow, where it has been grown in the Highlands of Scotland for many years, where yields of 150 bushels per acre are quite common. At our Mayfield Farms the past season it proved to be the best variety out of some forty tested. The straw is exceedingly strong and wiry, enabling it to hold up its enormous heads of grain without breaking or lodging in the least. The berry is very large and plump, weighing very heavy, of a pure white color. It brings more than any other variety in the market. It is the heaviest yielding variety we know of, and is possessed of so many good qualities that we unhesitatingly recommend it to our farmer friends as the best variety ever introduced in America. Our stock this year is somewhat limited, but we will fill all orders in rotation as long as it lasts. Order early if you want to get the best oat in the world. **Lb. 25c, 3 lbs. 70c, postpaid; pk. 60c, bu. \$1.75.**

Highland Beauty Oats.

This is another Scottish variety imported by us last season and offered now for the first time. It is a very strong, vigorous grower, withstanding drought remarkably well and standing up well under any and all circumstances. Yields from 100 to 150 bushels per acre. **Lb. 25c, 3 lbs. 70c, postpaid; pk. 60c, bu. \$1.75.**

Goldthorpe Barley.

This new variety, introduced from Scotland and now offered for the first time, is remarkable for the strong, robust character of the straw, which renders it less liable to lodge than any other variety. The heads are all long, of uniform size, closely packed with grains, rendering it particularly attractive when growing. By careful selection year after year it has been brought up to its high standard of excellence, and is now considered the finest barley ever introduced in America. It is entirely distinct from Highland Chief or Beardless Barley, though it originated, like them, in the Highlands of Scotland. Its maiting qualities are unsurpassed. Yields of 50 to 75 bushels per acre are reported. **Lb. 20c, postpaid; pk. 50c, bu. \$1.50.**

Eclipse Pea. Is an extra early coming into market as soon as the early smooth kind, and on that account particularly valuable. Is a heavy cropper; has that peculiar sweetness which belongs to the wrinkled sorts. Vines 24 in. high and need no brushing. Pods well filled, containing 6 or 7 peas. The plants should stand about 2½ in. apart in the drills. **Pkt. 10c, pt. 30c, qt. 50c, pk. \$2.00.**



Dwarf Telephone Peas.

Dwarf Telephone Peas.

This variety is the result of many years' experimenting, with the view of producing a pea with dwarf vines, bearing large pods and peas of the highest quality. Mr. Allan, the veteran pea grower of Canada, has at last produced such a variety, which was introduced by him two years ago and immediately sprang into popularity, and bids fair to become the most widely grown of any sort ever introduced. Its habit is dwarf, stocky, healthy and vigorous; the vines under highest cultivation never growing more than 18 inches high. It is very productive, many plants bearing from five to seven pods. The pods are of the largest size, 4 to 5 inches in length, and well filled with large peas of the most delicious quality. The season is from five to seven days earlier than the Stratagem, and it is a remarkably good shipping variety. In fact this marvelous variety possesses all the most desirable qualities in a pea for both home and market use. **Pkt. 10c, pt. 35c, qt. 60c, pk. \$2.50.**

Dwarf Sugar Pea. A low growing variety with bushes 12 to 15 inches high. Pods much smaller than the tall variety, but of the same delicious flavor. **Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50.**

Tall Gray Sugar Pea.

This is one of the oldest varieties in cultivation and at the same time one of the best. Our grandmothers cultivated this variety in their gardens, and esteemed it for the sweet, delicious flavor of both the pea and the pod, which is edible and far nicer than the best of the butter beans. Many people of today have never grown or even heard of such a variety. With the idea of bringing it to their attention more prominently, we list it in our specialties and recommend it to everyone who grows peas for home use or market. The vines grow to a height of 3 to 4 feet; are very vigorous and productive. The pods are broad, rather flat, from 4 to 5 inches in length, and are broken and cooked like string beans, being of the most delicious flavor. The peas are of medium size and are of the same fine flavor as the pod. Care should be taken not to allow the pods to become too old before using. Several varieties have been offered of late years, such as Melting Sugar, Mammoth Luscious, etc., but after thorough trial we consider the old Tall Gray Sugar the best of all. **Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.50.**

Metropolitan Sweet Corn.

It is safe to say that there has never been on the market any one variety of corn that combined the essential features of earliness and good flavor in a satisfactory degree. In these important characteristics, **METROPOLITAN** certainly outclasses any other variety. It is only two days later than Cory, which, until now, has been the earliest sort. The plant is distinct, being very strong in stalk, growing 5½ feet in height. The leaves are numerous, narrow and very dark green in color. The ears are all set low, not over 1½ feet from the ground, producing from two to three to the plant. They are uniformly 9 inches long, 10 to 12 rowed, well filled to the tip with large deep grains which are very tender. It is not merely sweet but possesses in a remarkable degree that exquisite richness so well known in the larger and later sorts. We should add that an ample husk fully insures its value as a shipping variety. Indeed, the combination of good qualities possessed by it makes it the most desirable of all for early trucking. **Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.25.**

Market Gardener Beet.

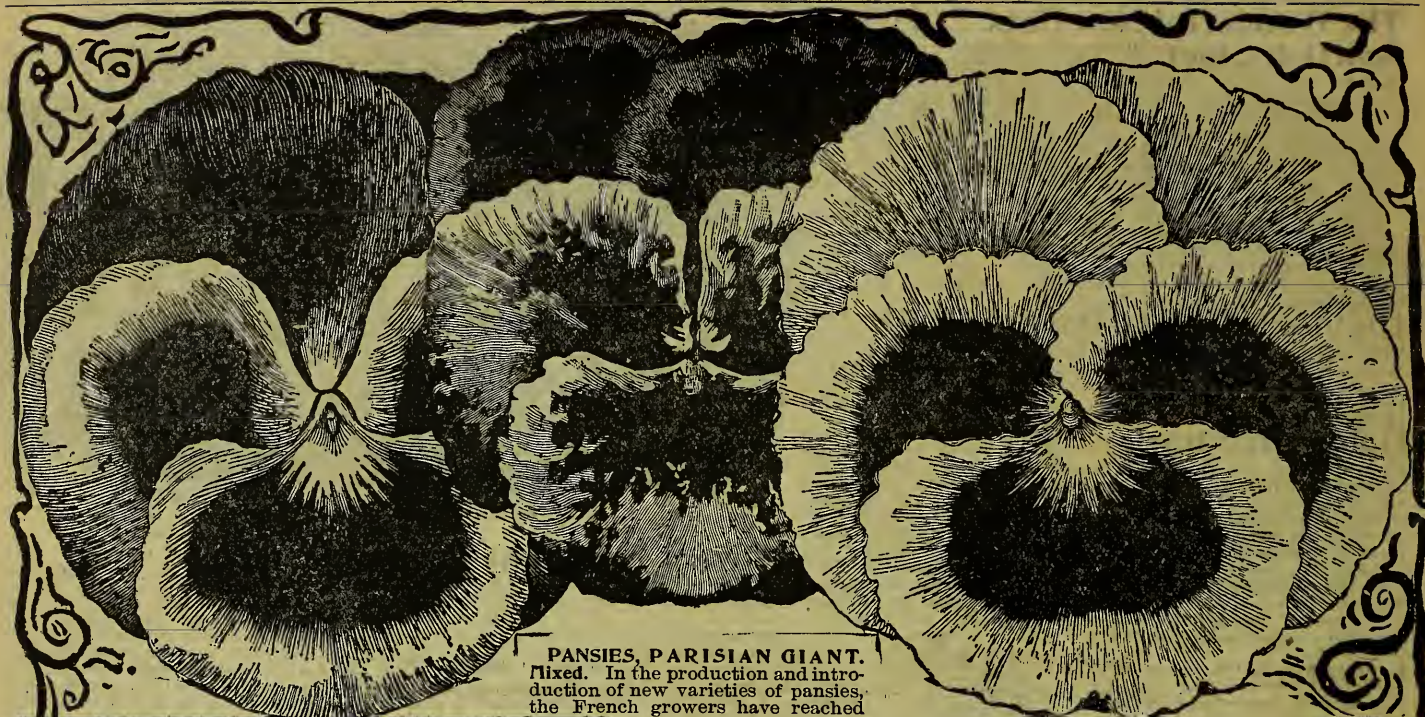
The Truckers' Favorite. An extra early variety, only a little later than Lightning, and one that has become a great favorite with the gardeners in all sections on account of its uniform size and handsome shape. It is a perfect variety for table use, and its earliness and fine appearance invariably brings a good price on the market. When cooked they are of a beautiful deep red throughout; fine grained and very sweet. We heartily recommend this variety to market gardeners. It is also valuable for private use. **Pkt. 10c, oz. 15c, ½ lb. 40c, lb. \$1.00.**



Metropolitan Sweet Corn.



Scottish Chief.



PANSIES, PARISIAN GIANT.
Mixed. In the production and introduction of new varieties of pansies, the French growers have reached

the acme of perfection in the mixtures which we offer herewith.

The Parisian Pansies are distinguished by their characteristic colors and strong markings. There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of yet another hue. The combinations prevailing are composed of shades of cinnamon, violet, canary and orange yellow, black, garnet, light blue, violet, indigo, cream, etc. This New Mammoth strain has been brought up to a high standard of excellence, the flowers being of perfect shape, fine substance, well marked and of mammoth size, measuring, when properly cultivated, **four inches across**. A large number of these Pansies are also very fragrant, the perfume from a bunch of them being sufficient to fill a room. The plants are strong growers and profuse bloomers. These Pansies were awarded the **Gold Medal** at the **Hamburg (Germany) Exposition**. **Pkt. 25c.**

BUGNOTS, EXHIBITION. Equal in size, colors and markings to the Parisian Giant, this strain of beautiful Pansies, introduced by the greatest specialist of the age, has called forth the highest encomiums of praise wherever exhibited in Europe or America. Flowers are of enormous size, nearly circular in form, and in a great variety of the handsomest and rarest colors, including some shades found in no other variety. Each petal has a distinct, deeply colored broad blotch. **Pkt. 25c.**

GIANT CURLED PANSY, "MASTERPIECE." (See cut.) A remarkable new type, which will, without doubt, be warmly welcomed by the numerous lovers of this beautiful class of plants. The chief difference from other strains consists in the form of the flowers, which is well shown in the illustration, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. The large size of the flowers and the extraordinary free-flowering qualities of the plant make it valuable for bedding purposes. Another feature of this marvelous strain is that it produces some tints of color not found in any other Pansy. **Pkt. 25c, 5 pkts. \$1.00.**

Mad Perret. Another remarkable French variety of recent introduction. The flowers are of the largest size, and beautifully marked, blue, red and violet. A very handsome and showy sort. **Pkt. 10c.**

1 PACKET OF EACH OF THESE 4 NEW AND RARE PANSIES FOR 70c.

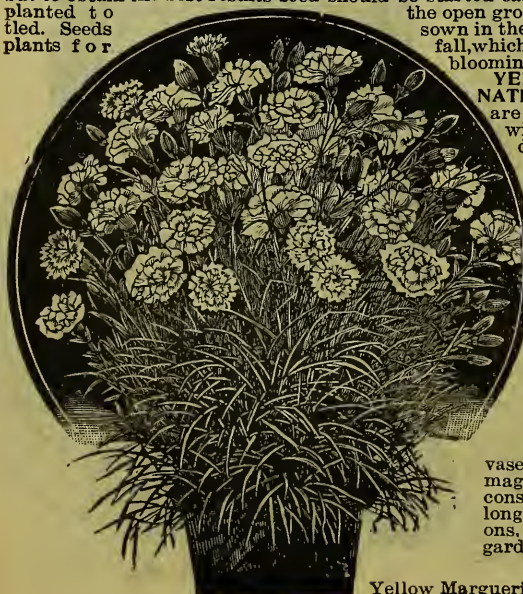
SALVIA SPLENDENS, SILVER SPOT. (See cut.) The old and well known "Scarlet Sage" or *Salvia Splendens*, with its spikes of dazzling scarlet blossoms, is a most desirable plant for growing singly in pots or massed in beds on the lawn. In this new variety we not only have an improvement in the size of the bloom and brilliancy of coloring over the old Scarlet Sage, but in addition the foliage is of most striking and intense beauty. The leaves are of darkest green, profusely spotted with white, giving the plant a most wondrous beauty. The bright scarlet blooms in their setting of foliage form a rare combination of grace and beauty, never before found in any plant. The plant is of very neat, compact habit of growth and a most prolific bloomer. It will thrive in any rich garden soil, but to obtain the best results seed should be started early in the house and the young plants transplanted to the open ground as soon as the weather is warm and set-sown in the open ground will make handsome showy fall, which may be taken up and potted for winter-blooming in the house. **Pkt. 25c each.**

YELLOW GIANT MARGUERITE CARNATION. The Marguerite Carnations are deservedly the most popular of all with the amateur, flowering as they do within a few weeks from time of sowing, and producing good-sized, finely fringed double flowers of exquisite fragrance and of great variety of color, except yellow. This new variety from Italy is one of the most charming novelties of recent introduction, producing pure sulphur-yellow flowers, a color hitherto unknown in this class of flowers. **Pkt. of 25 seeds 25c.**

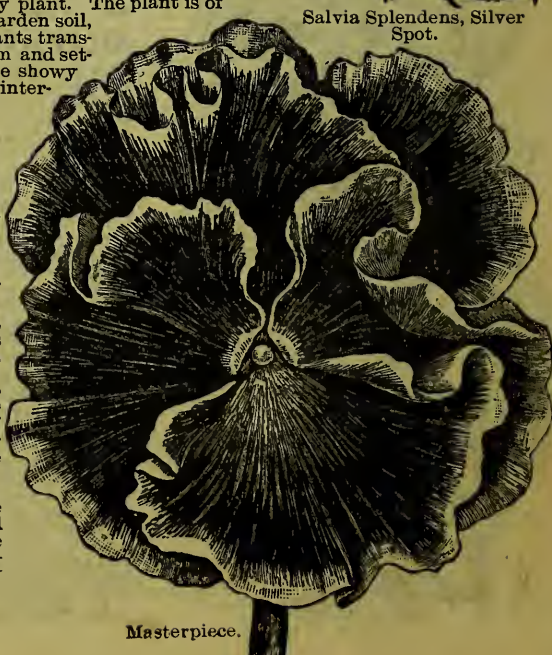
ANTIRRHINUM MAJUS GRANDIFLORUM OR GIANT FLOWERED SNAPDRAGON. The flowers of this new strain are much larger than those of the old type and the plants grow taller, making them excellent for cut flower purposes, vases, etc. The colors of the flowers are magnificent, both delicate and rich, and considering the ease of culture and the long blooming period of the Snapdragons, we think they should be in every garden. **Pt. 10c.**



Salvia Splendens, Silver Spot.



Yellow Marguerite Carnation.



Masterpiece.



Christmas Tree Aster.

no uncommon sight to see small plants with from 75 to 150 well developed flowers, of which one always appears at the end of each stem. Besides this, every flower stem bears a great number of small buds all down the stalk, which make very nice boutonnières. This effective aster is therefore just as fit as a single plant in beds as for pot culture and also very useful for other purposes. It comes quite true from seed and can be offered in the following four different colors: Pink, White, Light Blue, Carmine. Pkt. 20c.

NEW BRANCHING ASTERS. A variety of aster having peculiar and very valuable characteristics. The plant is a strong grower, and its tendency to form numerous branches is very marked. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late Autumn, a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter. The petals are broad, long and many of them are more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful chrysanthemums. We offer this year four separate colors.

Pure White, Bright Crimson, Clear Pink, Lavender Blue. Any of the above named New Branching Asters: Pkt. 10c, 3 pkts. 25c, or we will send one pkt. each of the 4 varieties for 30c.

All colors mixed. The four colors named above in one grand mixture. Pkt. 10c, 3 pkts. 25c.

CANDYTUFT, GIANT HYACINTH FLOW-ERED. A grand variety producing enormous spikes of bloom resembling a White Hyacinth. These spikes often measure 7 inches in length by 2 1/4 in diameter. The plant when in bloom attains a height of 12 inches. Pkt. 10c.

ASPARAGUS VERTICILLIATUS.

This is a hardy perennial climber which succeeds well in most localities with a slight covering in the winter. It is a strong rampant grower, having a beautiful foliage and bearing a great profusion of beautiful red fruits. Very fine for cutting and for decorative work. Pkt. 25c.

MALABAR VINE. One of the most interesting climbing or trailing plants that has ever been introduced. The leaves are an almost pure white striped and marked with gray and green. The flowers are the most delicate shade of pink. 20c each.

MINNEAPOLIS VINE. This is one of the most beautiful and rapid tender climbers that we have ever seen. It is particularly adapted to covering porches, trellises, screens, etc., a single plant often covering 50 or 75 square feet in a single season. The leaves are small, slightly rough on the upper side and of a bright green color. It produces an abundance of small star shaped flowers the entire season. We have known this plant to grow shoots from 3 to 5 feet in length in a single day. 15c each.

CHRISTMAS TREE ASTER.

On account of its branching habit, resembling the regular arrangement of the twigs on a fir tree, this aster is certainly the most striking and beautiful of all the many varieties now in existence. The branches stand horizontally and in this respect the plant differs from all existing types of asters. It comes into blossom very early and is the most profuse bloomer ever introduced, it being



Dwarf Ostrich Feather.

ASTERS, DWARF OSTRICH FEATHER. *The Bride.* This variety is of dwarf branching habit of growth, with long curled petals resembling a Japanese chrysanthemum. The bloom is of large size and form; pure white when first opened but gradually changing to rose color. A distinct novelty now offered for the first time and sure to please all lovers of these popular flowers. Pkt. 25c.

COMET-FLOWERED LADY ASTER. A splendid new variety, being quite distinct, with its long, narrow leaves and its great profusion of bloom. The flowers are of large size, the petals being long and narrow, the flower stalk tall and graceful. One of the finest of recent introductions. Pkt. 15c.

NICOTIANA COLOSSEA. A rapid growing annual which attains the height of 5 to 6 feet in a season. The foliage is beautifully marbled, veined and edged with white and red, the plant presenting a most imposing appearance on the lawn. One of the most beautiful foliage plants imaginable. Pkt. 15c.

VERBENA, MAYFIELD PRIZE. This magnificent variety is of recent German origin and one of the finest of this beautiful class of flowers ever introduced. After a thorough test at Mayfield trial grounds we offer it to our customers as a novelty of merit and a flower of striking and attractive beauty. The plant is very dwarf, not growing over 6 inches in height and 10 or 12 in diameter. It blossoms most profusely, throwing up its trusses of bloom well above the foliage during the entire season. The color is a clear, glowing crimson with a large, pure white eye. It is excellent for pot culture and unsurpassed for borders. Pkt. 25c.

CANNAS, NAMED VARIETIES. These were gathered from our Canna field at Mayfield farm and are collected from the choicest named varieties. Some of the finest sorts ever introduced have been chance seedlings. As a rule the seed from best named sorts produce varieties similar to the parent plant. Seed is very hard and should be soaked in tepid water for several days until germination commences. Then plant in good soil covering seed about one inch and they will make a rapid growth. Large pkt. 20c.

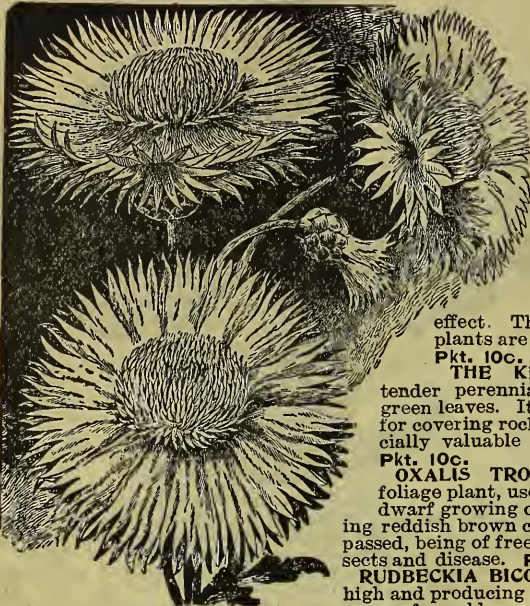
Lady Aster, Comet-Flowered.



Nicotiana Colossea.



Verbena, Mayfield Prize.



Centaurea Imperialis.

CENTAUREA IMPERIALIS. New Imperial Giant Sweet Sultans. New giant-flowering hybrids, excelling in beauty and size. They are the result of crossing *C. Moschata* and *C. Margaritæ*, taking from the former the luxurious growth of plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh pink to crimson, and through blues from silvery lilac to royal purple, etc.; and all flowers are deliciously fragrant; for bouquets, vases, or as corsage flowers the giant long-stemmed flowers renders them of exceptional value. If cut scarcely opened they will last ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, about 4 feet high. **Pkt. 10c.**

SALPIGLOSSIS. *Emperor.* Ease of culture is the first quality that commends the *Salpiglossis* to all amateur gardeners. This new strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and, more than all else, in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. **Pkt. 15c.**



Salpiglossis. Emperor.

PETUNIA. *Sunrise Glory.* A remarkable new variety of most surpassing beauty. A charming novelty that cannot fail to please the most fastidious. The blossoms are of large size, most beautifully fringed and delicately streaked and marked with a sharply defined golden yellow throat, forming a most glorious combination, never before found in a petunia. **Pkt. 25c.**

PETUNIA. *Sunrise Glory.* A remarkable new variety of most surpassing beauty. A charming novelty that cannot fail to please the most fastidious. The blossoms are of large size, most beautifully fringed and delicately streaked and marked with a sharply defined golden yellow throat, forming a most glorious combination, never before found in a petunia. **Pkt. 25c.**



Klondike Daisy.

first season, and reaches full perfection the second year. **Pkt. 25c.**

NEW EVER-BLOOMING ALLEGHENY HOLLYHOCKS. Blooms the first year from seed. A new type of Hollyhocks. This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine, transparent, fringed flowers, which look as though they were made up of crushed silk. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. It is a perpetual bloomer, and has from 2 to 4 buds at base of each leaf, where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers. The great height of the column, like pyramidal spikes, thickly studded with flowers, adds materially to the decorative value, and unless one has seen this new plant in front of a porch one would never suspect its ornamental possibilities. As cut flowers they are immense. A plate filled with these flowers is a handsome thing to look at, and as flowers to wear they are wonderfully lasting. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge. Extra selected seed, in the following separate colors: Red, black-red, rose, shell pink, maroon. **Pkt. 10c or 3 for 25c.**

Allegheny Hollyhocks.

VARIEGATED JAPAN HOP. A rapid summer climber, attaining a height of 20 to 30 feet in 3 or 4 weeks. The foliage is most luxuriant, making a dense covering, fine for verandas, trellises, summer houses, etc. Heat, drought and insects do not trouble it. The leaves are of intense green, beautifully blotched and marbled white and gray. **Pkt. 10c.**

LEPTOSINE GIGANTEA. A beautiful rapid growing annual, producing in great profusion a feathery mass of very finely divided light green leaves. These are surmounted by a wavy mass of golden yellow flowers, borne on long stems, the whole forming a most beautiful effect. The flowers are fine for cutting, and the plants are most effective when grouped in beds. **Pkt. 10c.**

THE KENTUCKY IVY. A very handsome tender perennial climber, with charming, glossy green leaves. It makes a rapid growth and is fine for covering rockwork, etc., in the garden, and especially valuable for hanging baskets for winter decoration. **Pkt. 10c.**

OXALIS TROPAELOIDES BRILLIANT. A most charming foliage plant, used principally for carpet bedding. It is a very dwarf growing creeper which soon forms a thick carpet-like mat of a pleasing reddish brown color. For borders, rock work, mounds, etc., it is unsurpassed, being of free and rapid growth and very free from the attacks of insects and disease. **Pkt. 15c.**

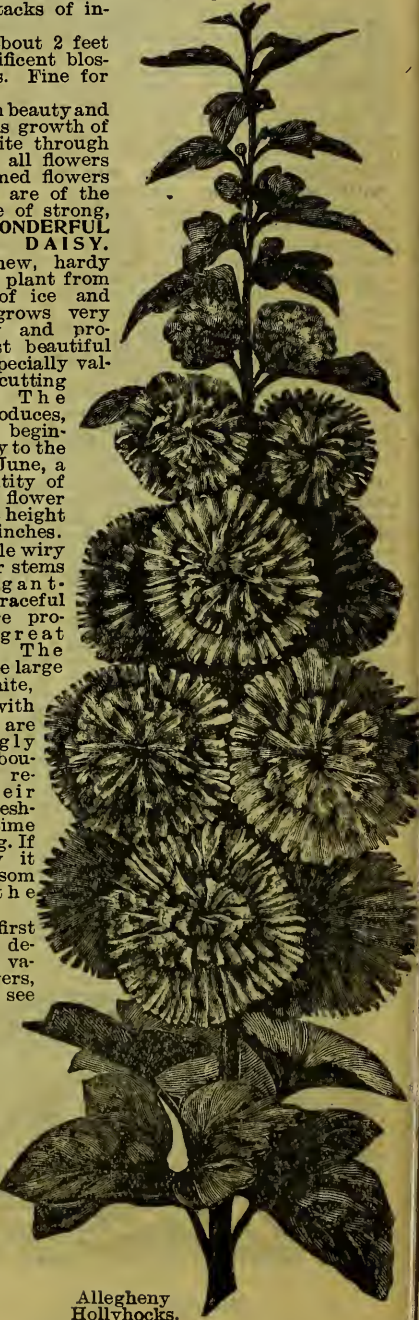
RUBBECKIA BICOLOR SUPERBA. A new annual growing about 2 feet high and producing in great profusion long stemmed, large, magnificent blossoms of a golden yellow color, with large, velvety brown spots. Fine for garden culture and valuable for cutting. **Pkt. 15c.**



Petunia. Sunrise Glory.

THE WONDERFUL KLONDIKE DAISY.

This is a new, hardy herbaceous plant from the land of ice and snow. It grows very luxuriantly and produces most beautiful flowers, especially valuable for cutting purposes. The plant produces, from the beginning of May to the middle of June, a great quantity of branching flower stems of a height of 15 to 20 inches. On the single wiry little flower stems the elegant-shaped, graceful flowers are produced in great abundance. The blossoms are large size, pure white, and, if cut with long stems, are exceedingly useful for bouquets, etc., retaining their form and freshness a long time after cutting. If sown early it will blossom sparingly the





Double Yellow Phlox, Gold King.

DOUBLE YELLOW PHLOX, GOLD KING. The grandest novelty in phloxes ever offered the flower lovers of America. It is a rapid growing, free blooming mammoth, perfectly double flowering variety of the most beautiful shade of golden yellow imaginable. The plant is of strong, vigorous habit, attains a height of 15 inches, and bears its enormous ball-like clusters of flowers on strong, stiff stems. Pkt. 20c.

WHITE DIADEM PINK. A recent introduction from Europe of most striking beauty. It is easily grown from seed, blossoming as soon as the plants are a few inches high and bearing a great profusion of flowers the entire season. The ground color of the bloom is pure white, from which stand out in beautiful contrast the Diadem markings, those delicate velvety and feathery lines in shield-like form, to which it owes its name, the tints being principally lilac, purple, carmine or blood red. Cut and placed in water, the large double blossoms retain their freshness and fragrance a long time. Pkt. 20c.

DOUBLE MORNING GLORY, WHITE TASSEL. One of the most charming climbers that has ever come to our notice. It is a rapid growing vine with beautiful white tassel-like blossoms, which have a delicate marking of purple on the inner petal. The flowers are beautifully fringed and never fail to attract attention wherever seen. Easily grown from seed and will give a good percentage of double flowers. Pkt. 10c.



DOUBLE MORNING GLORY "WHITE TASSEL"

The blossoms are extra fringed rendering them texture and retain their sorts. Seed has heretofore commanded fabulous prices, as it has been in great demand by florists, who consider the plants indispensable. We have secured the true seed direct from the

originator and can assure our customers of receiving choice stock. Price per pkt. 25c each, or one of each of the five varieties for \$1.00. Rose, Red, White and Red, Rose with Red, White.

NEW DWARF POPPY, ALPINE BEAUTY. A most beautiful variety, just introduced. It was found growing wild in the Alps, and after several years testing by one of the best German growers, is now offered for the first time. The plants form pretty little rosettes of green leaves, from which numerous slender flower stalks spring up, bearing lovely flowers of white, salmon, rose and orange, all with yellow stamens, the petals being most delicately cut, fringed and fluted, giving the flower a most peculiar charm.

We are confident that this little beauty will soon become a general favorite. Pkt. 20c.



White Diadem Pink.

ANTIRRHINUM MAJUS GRANDIFLORA. No description can do justice to the wonderful beauty of these floral treasures. They are a grand improvement on the old small flowered snapdragons, throwing up strong, stiff spikes of bloom of the most gorgeous and showy colors imaginable. We tested them thoroughly at Mayfield the past season, where their beautiful blossoms were greatly admired throughout the entire season, until killed by frost.

Album. Pure white. Pkt. 10c.

Brilliant. Scarlet, golden and white. Pkt. 10c.

Crescia. Fine deep scarlet. Pkt. 10c.

Firefly. Scarlet, white throat. Pkt. 10c.

Kermesinum Splendens. Pkt. 10c.

Luteum. Yellow. Pkt. 10c.

Romeo. Deep rose, spotted yellow. Pkt. 15c.

Striatum. Beautifully striped. Pkt. 10c.

Yellow and Orange. Very fine. Pkt. 10c.

Yellow, Striped Red. Choice. Pkt. 10c.

Finest Mixed. All colors. Pkt. 10c.

1 packet each, 10 varieties named above, for 75c.

MIGNONETTE, NINETEEN HUNDRED. A most beautiful, charming novelty from one of the leading German growers. Each individual plant is of surpassing beauty, and anything more perfect in regularity of shape and in abundance of flowers cannot be imagined in a mignonette. The plant forms a semi-globular bush of exquisite shape, measuring 24 inches in diameter and often containing more than 400 flower spikes of the most charming golden yellow color. It has been thoroughly tested for years, is well fixed in character, and comes true from seed. We consider it a grand acquisition to the mignonette family and one that is bound to become a favorite. Pkt. 25c.

CYCLAMEN PERSICUM, PAPILLIO. The New Butterfly Cyclamen. This most decided novelty in the Cyclamen family was introduced from Belgium, has been tested and found worthy of general cultivation by all lovers of this unique class of flowers. large and the petals are most delicately cut and most strikingly beautiful. The flowers are of firm form and color much longer than the old common



Dwarf Spotted Marigold.

DWARF SPOTTED GERMAN MARIGOLD. A novelty of this year's introduction by one of the best German houses. The plants are very dwarf, forming neat, compact, bushy plants 4 to 5 inches high and 6 in diameter, which blossom very freely the entire season. The flowers are small, perfectly double, of a bright sulphur yellow, each petal marked with a dark brown blotch. A most valuable variety for carpet bedding, edgings and masses. It is equally useful for growing in pots in the house. Pkt. 20c.

PATRINIA HISPIDA. This is a beautiful new hardy perennial lately introduced from Siberia. The plant is of dwarf habit, attaining a height of 15 inches, and producing beautiful deep yellow flowers in large umbels. A most striking and attractive plant for the lawn. Pkt. 15c.

NASTURTIUM, TALL GOLD LEAF. Although this is not a novelty, it will be new to many of our customers, and as it is such a beautiful variety we have decided to list it in our specialties. The foliage is a bright golden yellow, which forms a most beautiful setting for the intense scarlet flowers which are produced in great profusion. Try this variety, and we are confident it will please you.

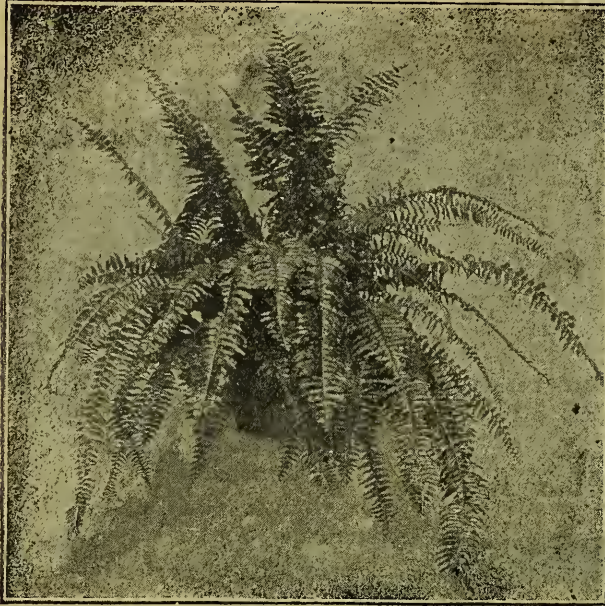
Scarlet. Pkt. 10c.

Crimson. Pkt. 10c.

THE TRANSVAAL ARBOR PLANT. Among the other treasures recently introduced from the South African veldt, this mammoth arbor plant stands out most prominently. It is a hardy herbaceous perennial, growing readily from seed and attaining gigantic proportions in two or three years. Its strong, stiff stalks often measure from 6 to 10 feet in height, while its mammoth leaves are of most distinct and striking beauty. When they first appear in the spring they are of a beautiful brownish red color, which gradually changes to deep olive green. They are from 3 to 4 feet in breadth, with strong, stout midribs, and the whole upper surface studded with short, sharp spines, the whole leaf being of stout, firm texture, withstanding wind and rain with impunity. These plants are fine for groups on large lawns, etc., or as single specimen plants, affording shade to the children, and with their large umbrella-like leaves glistening in the sun, presenting a most dazzling appearance. When fully known this plant will become one of the most popular in America for decorative purposes. They require a slight protection of leaves or strawy manure in the winter, which should be removed in spring when frost is gone from the ground. Pkt. 25c.



Arbor Plant.



Boston Fern.

Japanese Fern Balls. A most curious novelty. These very interesting ferns are independent of both soil and moisture. The former they do not require, as they are rooted in moss; and when the latter is withheld they simply dry up and go to sleep, to re-awaken when moisture again reaches them. They are grown suspended in the air, like other air plants, and are 6 inches or more in diameter, in their dormant or dry state, in the moss. They will live for years under proper treatment, alternately resting and growing, according to circumstances. They are very satisfactory as house ferns, and attract much attention and interest. It is best to treat them with some degree of regularity, giving them water two or three times a week during the growing season, and no water at all during the resting period. These periods can be arranged at convenience, but each should cover say two or three months or longer. The green foliage is light and beautiful. If desired, the root-filled bunch of moss may be divided and placed in a fern dish, but the hanging position is more graceful. I do not know of a prettier or more interesting house plant among recent introductions.

CAUTION. Many firms are sending out small, second-class, inferior plants which will fail to give satisfaction on account of their poor, broken roots. The plants we offer are large, first-class, selected dormant balls which will respond quickly to water and throw out their long, graceful fronds in a very short time. Price \$1.25 each, post-paid; 3 for \$3.00, by express.

Japanese Cedar. This is one of the most beautiful ornamental plants of recent introduction. It is of most easy culture and rapid growth, and succeeds in almost any situation. It is a tender evergreen, attaining a height of several feet in a few years. It is as beautiful as the Auracaria or Norfolk Pine, is of much easier culture, and, being a rapid grower, attains a large size much sooner. Though of comparatively recent introduction, it has been grown in Japan for many years where it is highly prized. We have never seen a cleaner plant and one freer from the attacks of insects, the foliage being always clean and healthy. 25c each.

Sanseveria Zealanica. There is no decorative plant that is more attractive in habit and foliage than this, and none that will stand as much abuse and neglect. It will grow and flourish in any dark corner, and will stand gas and dust or heat. Indeed, the only thing that seems to check it is too much water or frost. The leaves grow to a length of 3 to 4 feet, and are beautifully striped crosswise with broad, white variegations on a dark green ground. Grows splendidly out of doors in summer. 25c each for strong plants.

Phrynium Variegatum. A beautiful variegated foliage plant; does equally as well when grown as a pot plant for the decoration of the house or used as a bedding plant in the open ground. The leaves are bright pale green, beautifully variegated with white and gold. The variegations are extremely diversified; no two leaves can be found with exactly the same markings. It succeeds well in partial shade, but the markings of the foliage are more perfect when exposed to the full sunlight. 30c each.



Japanese Cedar.

THREE GRAND SPECIALTIES FOR 60c POSTPAID: 1 Asparagus Sprengeri, 1 Asparagus Plumosus Nanus, 1 Boston Fern. The finest collection for house culture ever offered.

10 Fine Ornamental plants for house culture. The entire collection of plants described on this page for \$3.00.

Boston Fern. Each year adds to the popularity of this most beautiful variety, no plant ever introduced having met with the unprecedented sales that this has. It is of such easy culture and rapid growth, and is so graceful and ornamental that it is superseding nearly all other varieties, both with the florist and amateur. Its long, graceful, drooping fronds often attain a length of 5 or 6 feet in a single year, while its foliage is always clean and healthy, not subject to the attacks of scale, mealy bugs and other insects. Some firms are sending out a variety similar to the Boston Fern and hard to distinguish from it when small. Our patrons are warned against buying so-called Boston ferns from irresponsible and unknown parties. We are headquarters for the true stock, and offer strong, well-rooted, thrifty, pot-grown plants, not runners from the bench with a few weak roots, 25c each, \$2.50 per doz. Larger plants, by express, at 75c to \$5.00 each.

Asparagus Sprengeri. A very handsome trailing plant of recent introduction. Of very free and vigorous growth, producing sprays of beautiful green, feathery-like foliage, 4 to 5 feet long. These remain green a long time after being cut, and are very useful for bouquets, wreaths and sprays. It is admirably adapted for hanging baskets in the house, as it thrives in a dry atmosphere in almost any position. It grows freely the entire year, and produces small, white, star-shaped flowers which are soon followed by bright red berries. This forms a most valuable companion for the Boston Fern, being of the same easy culture and freedom of growth. Price 25c each. Stronger plants, by express, 50c, 75c and \$1.00 each.

Asparagus Plumosus Nanus. **CLIMBING LACE FERN.** A most beautiful ornamental climbing plant for house culture. The leaves are a very deep green color, of fine lace-like texture, which remain green and fresh a long time after being cut. It is of climbing habit and can be easily trained to any desired shape or form of trellis. It is one of the finest house plants ever introduced, and is also valuable to florists for cutting for bouquets, table decorations, etc. The plants which we offer have been grown cool, thus providing them with an abundance of tuberous roots which will throw up strong, feathered foliage of the most beautiful character. We cannot too highly recommend this plant, as we are confident it will please our customers in every respect. Strong plants 25c each. Larger plants, by express, 50c and \$1.00 each.

Jamaican Pine. This highly ornamental plant comes from the island of Jamaica, where it is highly prized and largely planted for hedges, etc. In this latitude, however, it is not hardy, but forms a most beautiful ornamental plant for house culture. It somewhat resembles the Pineapple and Pandanus or Screw Pine, growing about 3 feet high and having beautiful scarlet centers after reaching a height of 18 inches.

The leaves are serrated and thorny. It thrives in any good soil; stands neglect and inattention better than any plant with which we are acquainted. It bears an abundance of acid fruits the size of large plums, which are edible and quite agreeable. 50c each.

Camphor Tree. (*Cinnamomum Camphora*). The Camphor Tree or Camphor Laurel of China and Japan, from which the gum camphor of commerce is obtained. A beautiful evergreen, hardy in the lower Gulf States. Leaves smooth and a rich, shining green, the newer growth tinged with a beautiful wine color, making a striking contrast. One of the most symmetrical trees imaginable, forming a perfect cone from the ground to the summit. It should be extensively planted in Florida as an ornamental tree for yards or streets, and in the North as a pot or tub plant, on account of its very ornamental character and its very aromatic leaves and berries when bruised or crushed. May be wintered in the cellar or pit, if it is so desired. 35c each.



Asparagus Plumosus Nanus.



Japanese Fern Ball.



The Strawberry Guava.

leaves, and, like the orange, it bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is large, nearly the size of a walnut, and of a beautiful reddish color; the flavor is delicious, sweet and spicy, and yet rich and delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. The plants are easily grown and will thrive with the same treatment given the Otaheite Orange. With the Melon Fruit, Lemon and Orange herewith offered, it forms a set of most interesting and valuable fruit and ornamental plants. 25c each.

The Otaheite Orange. One of the grandest pot plants for flowering we have ever seen, and, being useful, as well as ornamental, should be grown by everyone. It is a very dwarf variety, and blossoms and fruits freely when only 12 or 15 inches high. The delicately scented blossoms are produced in great profusion. The fruit is quite small, being only about one-half the size of the ordinary orange, but is very sweet and delicious. For pot culture it is one of the most novel and interesting plants of late introduction. It blooms freely during the entire season, and one plant will scent a whole room. The stock we offer is strong and thrifty. 25c each.

American Wonder Lemon. Another fine and valuable fruit for house culture. The leaves are a deep glossy green like the Otaheite Orange, are easily kept clean and bright, rendering the plant neat and attractive at all times. In addition to this, its waxy, white, fragrant blossoms, produced in clusters, and followed by large, showy fruit, make this plant at all times beautiful as well as useful. The fruit is very large, of fine flavor, and superior to the ordinary lemons of commerce, in every particular.

You will make no mistake in ordering this most beautiful plant, as it is valuable alike as an ornamental plant or as a fruit producing plant. 25c each.

FOUR FINE PLANTS.

Famous for Fruit, Flowers and Foliage for 80c, Postpaid.

1 BRAZILIAN MELON FRUIT. 1 STRAWBERRY GUAVA. 1 OTAHEITE ORANGE. 1 AM. WONDER LEMON.



Brazilian Melon Fruit.

An ornamental fruit bearing tree that no one should fail to secure. A few years ago we introduced this great plant novelty, and our experience with it and the many testimonials received from our patrons, all praising its wonderful qualities, only confirm our opinion expressed when introducing it, that it is the greatest plant novelty that has ever been offered the American trade. It is a native of Southern Brazil. It is not only an excellent and valuable ornamental plant, with rich green leaves that at once give it a foremost place in the list of handsome foliage plants, but it also furnishes us with a most desirable, egg-shaped yellowish orange colored fruit, which hangs pendant in clusters, just below the beautiful foliage. This fruit is of the most delightful flavor imaginable, having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest of tropical fruits. As an ornamental plant it has few equals. Its splendid bushy habit, healthy growth and charming foliage giving it the preference over many of the weaker and more delicate plants of the ornamental class.

Mrs. T. B. Shepherd, Ventura, California, writes: "It is a fine shrub, the foliage is large and handsome and the fruit of a beautiful orange salmon color when ripe, and has a delicious sub-acid taste."

Note.—It is desirable only for house culture and the open ground during the summer months, and must be taken into the house at the approach of cold weather. 25c each.

The seed. We can supply the seeds of this valuable plant, and on each packet will be given full and complete cultural directions. This is very costly and consequently the packets will contain only a few seeds each. Pkt. 50c.

Strawberry Guava. Another luscious tropical fruit and charming house plant. This is a native of Cuba and other West India islands, where its fruit is of great value for food, and also for making confections, which are exported to all parts of the world.



Kumquat or Kin-Kan Orange. This unique and wonderfully beautiful orange is a native of Japan, where it is known as Kin-Kan, which means Gold Orange; its other name, Kumquat, is Chinese for the same meaning. It bears in the most marvelous profusion little miniature oranges, no larger than a damson plum, of a rich golden color and glittering amid the dark foliage like burnished gold. The whole fruit, rind and all, is eaten, and people become extremely fond of them. The rind is sweet and the pulp agreeably acid, making a piquant combination. They are also delicious preserved and crystallized. The plants begin to bear just as soon as they have wood enough to hold fruit; and are loaded with fruit and flowers every year. We have seen little bushes only 20 inches high carrying upward of 100 oranges. A small tree, not more than six feet high and five feet through, bore over 2,000 fruits, and this is by no means an extraordinary yield for this sort. The branches are slender, without thorns, the leaves narrow and oval, and the plant assumes a fine shape. As a pot plant it will create a sensation everywhere grown. 50c each.

Olea Fragens. (TEA OR SWEET OLIVE.) One of the sweetest and most desirable of flowers. The white flowers are produced in clusters, and emit the most pleasing fragrance. It is well said that "each individual bloom has more sweetness than the most fragrant Lily." As a conservatory shrub it will be found invaluable. The blooming period begins in the fall and lasts for several months; in fact, it is a true perpetual bloomer. It is of easy culture and especially desirable as a window plant. In India and Europe it is considered extremely valuable. One of the best ever-blooming plants. 20c each.



Hibiscus, Peachblow.

the new growth constantly making new buds. It should be replanted in larger pots or tubs from time to time, as it increases in size very rapidly and requires plenty of water. In addition to its vigorous growth and profusion of bloom, the blossoms are delightfully fragrant, filling a room with their delicate perfume. The plant is free from disease and the attacks of insects, and thrives under most adverse circumstances. The Brugmansia is a beautiful plant and one that has met with enormous sales since its introduction, the D. Cornucopia has been admired by thousands and grown in many homes, but both of these popular plants are eclipsed by the surpassing beauty and splendor of this recent introduction, surpassing in size, color, beauty and fragrance these other beautiful members of the same family. 25c each.

Lantana, Mrs. McKinley (The Weeping Lantana). The plant is of very rapid growth, and graceful, drooping habit, with lovely, dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color, entirely distinct from any other flower we have ever seen. To produce the best results use a tub or any large vessel that will hold from 4 to 6 gallons of soil. When planting press the soil firmly about the roots; water frequently after planting. To produce quick results a half dozen or more plants should be planted in the vessel, although a very pretty basket can be grown from a single plant. It is also very valuable for mixing with other plants in vases, etc. Price, for choice stock, 15c each.

Browallia Gigantea (Giant Tree Violet). A charming new flowering plant that may be put to many useful purposes. The plant is a strong, compact, bushy grower, producing a profusion of the lobelia as a bedding plant, is valuable for cut flowers, as it is never out of flower, and may be grown as a flowering plant for Easter. Flowers may be used with violets in design work, as the colors are identical. 20c each.

The Porto Rican Coleus. A fine purple foliage plant. This is indeed a great acquisition and sure to become very popular, both as a pot plant and for bedding purposes. The leaves, which are about 5 inches long and 2 inches wide, are beautifully variegated with a deep metallic purple, shaded with a bright rose and margined with light green. The flowers are violet blue. 15c each, \$1.50 per dozen.

Malayan Jessamine. (*Rhyncospermum Jasminoides*.) A most beautiful climbing plant with glossy evergreen foliage, and producing in great profusion the most delicate, sweet-scented Jasmine-like flowers of the purest white. A well-grown plant will be completely smothered with flowers. But one does not have to wait for the plant to attain size before having its exquisite flowers, for it blooms when very small, and we have seen cuttings only two or three inches long, in thumb pots, bearing clusters of perfect flowers. The flowers are of a peculiar rotate form, something like a wheel, and several are borne together in a loose, graceful cyme. In the Southern States, from Florida to Louisiana, it is perfectly hardy. It is absolutely without fault as an ornamental flowering climber, having no insect enemies, and requiring no cod-

dling whatever, being abundantly able to cope with conditions which would kill outright many vines. 25c each.



WEeping LANTANA

Hibiscus, Peachblow. One of the finest plant novelties in many years. The plant is a rapid, vigorous grower, commencing to bloom when quite small, and producing its finely-formed blossoms continuously throughout the year. Equally good for planting outside or in the house. The flowers are large—4 to 5 inches in diameter—perfectly double, of a rich shade of clear pink, with a small, deep crimson center. For a continuous succession of beautiful blossoms we know of nothing to equal it. 25c each.

Datura, Golden

Glory. This is one of the finest and most strikingly beautiful plants we have ever seen. It is a rapid grower and begins to bud and bloom when quite young. The blossoms are a pure, golden yellow, semi-double and often 10 to 12 inches in length, the plant, when in bloom, forming a perfect blaze of golden glory. Planted in the open ground, it attains an immense size in a single season. As a pot plant it is second to none, requiring only ordinary care and cultivation. It blossoms the entire season.



DATURA

GOLDEN GLORY.

COPYRIGHTED 1893 BY A. BEAN

Cape Jessamine.

(*Gardenia Florida*.) One of the most beautiful and desirable shrubs in existence, producing large, double, white, exquisitely fragrant flowers from May until September. The plant grows in most exquisite and graceful form, and, with its shining dark green leaves, is most beautiful at all times, and especially so when in bloom. It is hardy throughout the South, where it is highly prized. As a pot plant for the North it is one of the finest we have ever grown. 30c each.

Tea Plant.

(*Camellia Thea*.) This is the true Chinese Tea Plant, which forms a beautiful evergreen pot shrub, covered with lovely single white flowers, each with a profusion of golden-tipped stamens. It is very beautiful and of the easiest cultivation. Perfectly hardy in the extreme Southern states, and unexcelled for house culture in the North. 35c each.



SPECIAL OFFER.—
Seven choice
plants described
on this page
for \$1.25, postpaid.

Browallia Gigantea.

FOUR GRAND CARNATIONS.

Olympia. This is a startling novelty introduced a year ago and claimed by the originator to be the largest carnation grown. It is strong growing, throwing up immense long stems, which bear the enormous flowers erect, without drooping. It is a profuse and continuous bloomer and considered a great addition by all commercial growers. The blossoms are large, glossy white with delicate pencillings of scarlet, not showing too much red, one of the finest contrasts of colors imaginable. The blossom is delightfully fragrant and the plant free from disease. 25c each.

The Marquis. Another novelty of sterling merit, having received five first class certificates for the best pink carnation. The plant is ideal in growth being vigorous and healthy and forming nice, round, bushy heads. It is a continuous bloomer, every flower being perfect. The stems are long and graceful, and the blossoms, which are of the largest size, are pure bright pink with no tracing of magenta or purple. An ideal plant and flower in every particular. 25c each.

Ethel Crocker. This grand and valuable variety originated in California and is the most profitable sort for the grower ever introduced. The plant is strong, vigorous and healthy, and the most prolific in flowers of any variety we have ever tested; it is never out of bloom. The flowers, averaging 3 to 4 inches in diameter are borne on strong, stiff stems, have a strong clove-like fragrance and are of a beautiful shade of pink. 25c each.

Red Beauty. This, as its name implies, is a beautiful red variety which originated in our greenhouses two years ago, and which, after thorough testing, we have found worthy of the most extensive cultivation. It is absolutely the largest red variety in existence, many blooms measuring 5 inches in diameter. It is grown on stout, stiff stems which hold their enormous burdens erect. The color is an intense glowing crimson, quite fragrant, of finest form and great keeping qualities. It blooms continuously, never being out of bloom, and while some varieties may produce more blooms in a season, they are smaller in size and do not keep as well. It is ideal for pot culture, our cut but faintly portraying its wonderful beauty. The plant is exceptionally free from disease and the attacks of insects. 30c each.

These four grand carnations described on this page for 75c postpaid.

Geranium Mars. This new variety is the introduction to the floral world of a new class of Geraniums, of which Mars and America are the only representatives; other colors will doubtless be introduced in the near future. The immense popularity which

Mars has attained the past season is the best evidence of its great merit. It is of dwarf, compact growth, the dwarfest variety introduced to date, forming strong, stocky plants with great drouth resisting qualities and is the most prolific bloomer ever seen. The foliage is dark green with bronze zones and during the summer is completely smothered in a mass of bloom. The flowers are single, deep rose salmon, becoming deeper at the center and shading to almost pure white at the outer edge of the petal. These are borne in large trusses set well above the foliage on strong stems. For bedding on the lawn this plant is invaluable, while for pot culture it is the ideal variety, blossoming freely and continuously. 15c each, \$1.50 per doz.

New Dwarf Geranium America.

An ideal variety for pot culture or bedding; it is a seedling from Mars which has gained wonderful popularity during the past two years. It is of stronger growth and has larger foliage than the parent, but retains the same floriferousness and dwarf habit peculiar to that variety. On opening, the flowers are white with salmon center, changing to various shades of salmon and rose; finally, when fully open, to deep pure rose. As all colors appear on the same truss at one time, the effect is very novel. 25c each, \$2.50 per doz.

Stephanotis Floribunda. An old but much admired house and conservatory climber. The foliage, which is a beautiful deep glossy green, is very free from disease and the ravages of insects. The flowers are large, pure white and most deliciously perfumed, filling a whole room with their delightful fragrance. The plant makes a very rapid growth and is most beautiful and decorative, especially for private conservatories, or with other plants in the house. We know of no house climber more beautiful or more easily grown, and heartily recommend it to all our customers. 20c each, \$2.00 per dozen.

Hibiscus, Southern Beauty. This is a very beautiful herbaceous hibiscus, unknown to general cultivation. It forms pyramidal shaped plants, the lower branches slightly reclining, clothed with five cleft leaves, the segments toothed and margined crimson. In the open ground it blossoms profusely in late summer and fall, bearing handsome flowers of a deep crimson, shading deeper to the velvety throat, which is almost black. As a pot plant it begins to blossom when only a few inches high and continually afterwards. 20c each.

Thunbergia Fragrans.

A magnificent perennial variety from India, of a slender, graceful, climbing habit, similar to the annual sorts, with deep green waxy leaves, which are cordate at the base, giving them a very distinct appearance. Its crowning feature, however is its flowers, each of which is as large as a silver dollar, of pure waxy whiteness, with a delicate lemon yellow spot in the center or throat. The plants begin to blossom when quite small, continue in bloom all the time, producing them in the greatest profusion. Fine for either pot or open ground culture. 20c each.

Ageratum, Stella Gurney.

This is the very finest variety of this valuable bedding plant ever introduced. It is of dwarf, compact, even habit of growth, flowering very profusely the entire season, forming a round bushy head of fine deep blue, a shade not approached in any other bedding plant. For winter blooming in the house or conservatory it is equally good. A decided acquisition to our list of blue flowers. 15c each.

Primula Forbesi or Baby Prim-rose.

This is a new and distinct variety and one of the most wonderfully prolific bloomers we have ever grown. The plant begins to blossom when it is not over two inches in height and flowers continuously throughout the entire year. The flowers are of medium size, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. It is valuable for bouquets and design work. The plant is of dwarf compact growth, the foliage clean and free from disease and insects. We consider it one of the most valuable plants of recent introduction. 20c each, or 3 for 50c.



Ageratum, Stella Gurney.



Geranium, Mars.

A PAGE OF CHOICE HARDY FLOWERING PLANTS.

Weigelia, Eva Rathke. This charming plant is a valuable addition to the class of hardy flowering shrubs and a good companion to Spirea Anthony Waterer. It makes a nice bushy plant, which can be grown either for pot culture inside or in the open ground. It is perfectly hardy, withstanding our severe winters without injury. It is a vigorous grower and a prolific bloomer. The blossoms are large, rich reddish purple, totally different from any Weigelia ever before offered. 35c each, \$3.50 per dozen.

Forget-Me-Not, The Gem. A new and decided acquisition to the class of hardy herbaceous blooming plants. It forms compact, bushy plants which blossom continuously during the winter when grown in pots in the house. As an outdoor bloomer in the summer it is equally profuse, being continually in flower the entire season and until killed by frost. The blossoms are of three shades, white, delicate pink and pale blue, borne in long sprays and are particularly valuable for cutting. Plants are perfectly hardy, withstanding the lowest temperatures without protection. 25c each or \$2.50 per dozen.



Weigelia, Eva Rathke.

The Climbing Hydrangea. This beautiful plant introduced from Japan a few years since, like many plants of Japanese origin, possesses so many good features that it is worthy of the widest dissemination. It is a rapid growing plant possessing many of the characteristics of the well known Panicleata, including its large clusters of bloom and its perfectly hardy nature, thriving well in the most exposed locations. It clings with great tenacity to any tree, trellis, veranda or building by which it may be planted, and attains a height of 50 or 60 feet. The blossoms commence to open in July and it remains in flower a long time. When they first appear the flowers are pure white; this gradually changes to deep pink. Nothing in the floral world presents a more beautiful appearance than a large bush of this climber covered with its wealth of large blossoms glistening in the sunlight. Nature with all her lavishness never produced a finer plant, or one that will give more general satisfaction. No picture can do it justice and no pen can describe its entrancing beauty. For verandas, trellises, arbors, etc., it has no equal. 50c each, \$5.00 per dozen.



Climbing Hydrangea.

blooming among its bright green leaves, which appear the middle of June, last from 2 to 3 weeks, are a creamy white color, having the shape of apple blossoms, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The foliage, which resembles that of the Lilac, is clean and healthy and always free from disease and the attacks of insects. Protect the vines when small, as cats eat the small shoots as they do catnip. Strong plants 50c each.

Hardy Hibiscus, Joan of Arc.

The new pure white double flowering Hibiscus. Few plants of recent introduction have given such delightful satisfaction as this New Double Flowering Hibiscus. It begins to bloom about as soon as planted, and every leaf brings forth pure white, perfectly double flowers frequently measuring nine inches in circumference, which are mistaken by many for glorious Camellias. Such plants in 2 1/2 inch pots frequently carry 6 to 8 open flowers and many buds. These chaste flowers are borne during the entire season and even in the winter, ornamenting alike both the lawn and the house. As a shrub it is quite hardy, while as a pot plant it is most attractive and desirable. Price for strong plants, 30c each.

Eleagnus Longipes or Russian Olive. Another beautiful plant of Japanese origin, which attains a height of 5 or 6 feet. Foliage is bright green above and silvery white beneath. Blossoms of pale yellow are produced in May, and hang in wreaths along the branches. Fruit ripens in July, is olive shaped, the size of large currants, of a bright scarlet color. The fruit is edible. 30c each.



Hibiscus, Joan of Arc.



Forget-Me-Not, The Gem.

Spirea Anthony Waterer. This is of recent introduction and one of the most beautiful varieties in cultivation. It forms a low, compact bushy plant 15 to 20 inches high and is covered nearly the entire season with large clusters of deep crimson flowers. It begins to bloom when very small and is an almost continuous bloomer thereafter. It is an excellent plant for pot culture, in the house, and, being perfectly hardy, is a valuable addition to our list of shrubs for planting on the lawn. This rare and valuable combination of adaptability renders it especially attractive to plant lovers, while its free blooming nature and its wonderfully brilliant blossoms recommend it everywhere. 20c each, \$2.00 per dozen.

The Silver Sweet Vine. This new flowering climber, from Japan, is of remarkable beauty and hardiness, endearing itself to all who have planted it. The foliage on the ends of the flowering shoots, in its third season, changes to a silvery white color, giving the whole vine, from a little distance, the appearance of being covered with large white flowers. The effect is very marked and beautiful. The flowers, which appear the middle of June, last from 2 to 3 weeks, are a creamy white color, having the shape of apple blossoms, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The foliage, which resembles that of the Lilac, is clean and healthy and always free from disease and the attacks of insects. Protect the vines when small, as cats eat the small shoots as they do catnip. Strong plants 50c each.



SPIREA
ANTHONY
WATERER



Seeds Postpaid by Mail.

Read This!

In considering prices please bear in mind all seed in packets, ounces, quarter pounds, half pounds, pounds, pints or quarts, are sent postpaid to any point in the United States at prices quoted herein.

Seed in larger quantities sent by express or freight always means purchaser pays the transportation charges.

PURCHASERS remitting \$1.00 may select seeds in packets at catalogue prices amounting to \$1.30
 PURCHASERS remitting \$2.00 may select seeds in packets at catalogue prices amounting to \$2.60
 PURCHASERS remitting \$3.00 may select seeds in packets at catalogue prices amounting to \$3.90
 PURCHASERS remitting \$4.00 may select seeds in packets at catalogue prices amounting to \$5.20

This discount does not apply to any of our Special Offers.

GERMAN—Spargel.
 FRENCH—Asperge.

ASPARAGUS.

SWEDISH—Sparis.
 SPANISH—Esparragos.

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the mistaken idea that it is difficult to grow. It delights in moist sandy soil but can be grown in any garden by following the directions given here. A bed 15x50 feet, requiring about 100 plants, should give an abundant supply for an ordinary family.

CULTURE—Beds are usually formed by setting plants one or two years old, which can be procured of us, but if you wish to grow them yourself, pour hot water on the seed and allow it to stand until cool, pour it off and repeat with fresh hot water once or twice and then sow in drills one foot apart and two inches deep in light, rich soil. When the plants are well up, thin to about one inch apart, and give frequent and thorough cultivation during the summer. If this has been well done, the plants will be fit to set the next spring. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. If the subsoil is not naturally loose and friable, it should be made so by thoroughly stirring with a subsoil plow or the spade. Set the plants about four inches deep and one to two feet apart in rows four to six feet apart. After the plants are well started give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure, and one quart of salt to each square rod and cultivate well as long as the size of the plants will permit or until they begin to die down. The next season the bed may be cut over two or three times, but if this is done, all the shoots, no matter how small, should be cut, and, after the final cutting, give a good dressing of manure, ashes and salt, and frequent cultivation, till the plants meet in the rows. In autumn, after the tops are fully ripe and yellow, they should be cut and burned. The next season the bed should give a full crop, and if well cultivated and manured will continue to do so for several years.

Columbia White Mammoth. A magnificent variety of Asparagus; furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 or 90 per cent white plants from seed. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Conover's Colossal. A standard variety. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Palmetto. An enormous yielder, earlier and larger than Conover's Colossal. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Barr's Mammoth. It comes in earlier and grows more than twice as large as Conover's Colossal. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

ASPARAGUS ROOTS.

Conover Colossal. By mail, postpaid, 25 for 50c; by express at your expense, 25 for 30c, 100 for \$1.00.

Palmetto. By mail postpaid, 25 for 50c; by express at your expense, 25 for 35c, 100 for \$1.25.

Barr's Mammoth. By mail postpaid, 25 for 50c; by express at your expense, 25 for 40c, 100 for \$1.25.

GERMAN—Artischöke.
 FRENCH—Artichaut.

ARTICHOKE.

SWEDISH—Ärtskocka.
 SPANISH—Alcachofa.

The Globe Artichoke is grown for its flower heads, which are cooked like Asparagus. Seed can be sown in hotbeds and transplanted into pots, until danger from frost is past; then transplant into very rich ground, three feet apart each way. Protect, in winter, with a slight covering of manure or leaves. The second season they will form heads about July 1. Once established they will bear for years.

Large Green Globe. Pkt. 5c, oz. 30c, ¼ lb. \$1.00.

ARTICHOKE ROOTS.

Giant White. The great food for hogs. These are grown from tubers the same as potatoes, and are the finest food that can be raised for hogs and sheep, as they prefer them to anything. This, together with their wonderful yield, 500 to 1,000 bushels to the acre, makes them by far the cheapest as well as the most valuable feed for this class of stock. By mail postpaid, lb. 30c, 4 lbs. \$1.00; by express or freight at purchaser's expense, pk. 50c, bus. \$1.50, barrel of 3 bus. (enough for one acre) \$3.50.

BROCCOLI. **CULTURE**—Nearly allied to the Cauliflower, but more hardy. The seed should be sown in this district the early part of May, and transplanted in June; further south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

White Cape. Heads medium size, close and compact and of a creamy white color; flavor most excellent. Pkt. 10c, oz. 35c, ¼ lb. \$1.25.

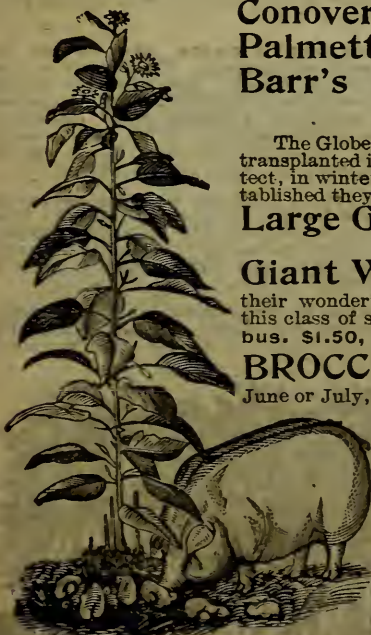
Purple Cape. Considered by many the best for the north, producing fine heads of a purplish brown color. Pkt. 10c, oz. 35c, ¼ lb. \$1.25.

BRUSSELS SPROUTS. The culture for Brussels Sprouts is the same as for Cauliflower. If early plants are raised in a hotbed, they will perfect themselves in September, in the north, and a later sowing should be made in the open ground, that will be in perfection about the time winter commences. These should be taken up and placed in a cool cellar, with the roots in earth, where they will remain fit for use during the winter. Where the winters are not very severe they may remain in the open ground, to be cut as needed.

Dwarf Improved. A standard variety producing compact heads of fine quality. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.



COLUMBIA MAMMOTH WHITE.



Artichoke.

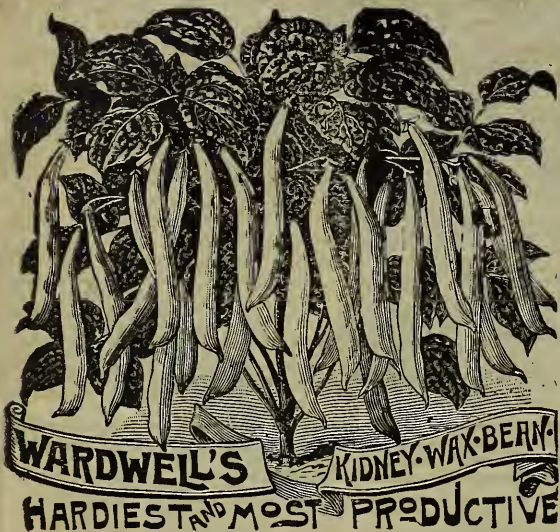


Brussels Sprouts.

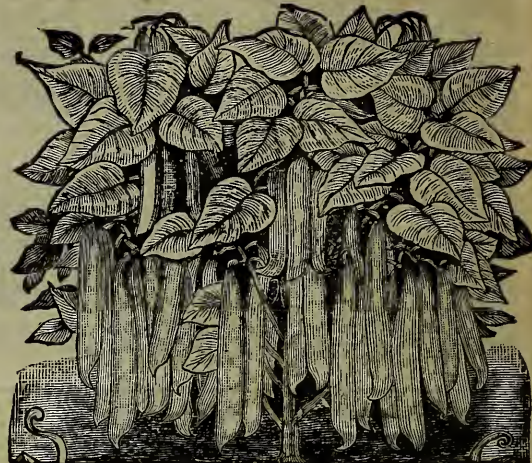
GERMAN—Bohne.
FRENCH—Haricot.

BEANS.

SWEDISH—Bönor.
SPANISH—Frijolero.



CULTURE.—No crop responds more readily to good soil and cultivation than this. The soil best adapted to them is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting. From one pint to two quarts will be sufficient to furnish a supply for an ordinary family, and varieties should be selected so as to give a succession both of string and green shelled beans. The wax podded beans are particularly liable to run off into green podded plants, and it requires constant attention and skillful selection to keep them pure, so that it is especially important to use only seed from reliable sources.



Crystal White Wax.

green shelled beans. The wax podded beans are particularly liable to run off into green podded plants, and it requires constant attention and skillful selection to keep them pure, so that it is especially important to use only seed from reliable sources.

Condensed Price List of Wax Beans.

Prices quoted on beans by the packet, pint or quart include the prepayment of postage by us. If wanted by express or freight with other seed deduct 8c per pint, 15c per quart. By express or freight means that transportation charges are to be paid by the purchaser.

	Pk.	Pt.	Qt.	½ Bu.	Bu.
Black Eye Wax .....	.05	.25	.45	\$1.50	\$5.00
“ Wax Imp. Prolific.....	.05	.25	.45	1.50	5.00
“ “ Challenge Strain....	.05	.25	.45	1.50	5.00
“ “ Currie's Rust Proof..	.10	.25	.45	1.50	5.00
Crystal White Wax.....	.05	.20	.40	1.25	4.50
Davis Kidney Wax .....	.10	.25	.45	1.50	5.00
Detroit Wax.....	.05	.25	.40	1.25	4.50
Flagolet Wax.....	.05	.25	.40	1.25	4.50
Golden Eye Wax.....	.05	.25	.45	1.25	4.50
“ Wax Grennell's Improved..	.05	.20	.40	1.25	4.50
Golden Wax.....	.05	.20	.35	1.00	4.00
Golden Wax Keeney's Rustless..	.10	.25	.45	1.25	4.50
New Lima Wax.....	.10	.25	.45	1.50	5.00
Rust-Proof Golden Wax .....	.05	.25	.45	1.25	4.50
Wardwell's Kidney Wax.....	.05	.25	.45	1.75	5.50
Yosemite Flammoth.....	.10	.30	.50	2.50	

Dwarf, Bush or Snap Wax Sorts.

CULTURE.—Sow about the 1st of May in a warm, sheltered situation, covering about two inches deep. The seeds should be dropped about three inches apart. Keep hoed when the earth is not too wet and kill all weeds as soon as they appear. 1 qt. to 150 hills; 10 to 12 qts. to the acre, in drills.

Wardwell's Kidney Wax. (See cut.) A favorite in all parts of the U. S. The vines are remarkably vigorous, hardy and productive; the pods are very large, smooth and showy, and will sell when all other varieties will be refused; they are tender, perfectly stringless and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth—a very important feature which no other sort does. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.75.

Crystal White Wax. (See cut.) Although a wax bean it has proven to be one of the most desirable varieties ever produced. It is valuable either for snaps or pickles. The vines are large, of a spreading habit and very productive, having numerous runners, usually producing pods in pairs throughout their entire length. The flowers are rather small, of a yellowish white shade, pods greenish white, rather short, curved and quite thick. The ripe beans are oval in shape and of a pure white. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.25.

Davis' Kidney Wax. (See cut.) Something that American bean growers have wanted for years, a wax podded bush bean, with white seed. The pods are a light golden color and well filled with large white beans of the most delicious quality. The vines are strong, vigorous in growth, and hold their pods far above the ground, considerably higher than the Improved Golden Wax. Test yields with other leading bush wax varieties showed over one-third heavier yield on the same ground. Another and most valuable point is earliness; it is equally as early as Golden Wax, Detroit Wax or Perfection Wax, and the beans are of a much finer flavor. By all means give it a trial this season. Pkt. 10c, 3 pkts. 25c, pt. 25c, qt. 45c, pk. \$1.50.

Rogers' Lima Wax. (See cut.) A magnificent new bush variety that has become very popular since its introduction. The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow, waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicious. Seed small, oval, pure white, which is much in their favor compared with a colored bean. Pkt. 10c, pt. 30c, qt. 50c.

Ivory Pod Wax. (See cut.) The vines are vigorous, remarkably productive. It is very early, usually being ready for use about a week or ten days ahead of Black Wax. The pods are of a good size and of a waxy white color, entirely stringless and very tender. This variety is an excellent shell bean. Pkt. 10c, pt. 25c, qt. 45c.

New Lima Wax. (See cut.) A magnificent new bush variety that has become very popular since its introduction. The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow, waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicious. Seed small, oval, pure white, which is much in their favor compared with a colored bean. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.50.



New Lima Wax.

Ivory Pod Wax.

Davis' Kidney Wax.

Rogers' Lima Wax.

Dwarf or Snap Green Pods Beans.

CONDENSED PRICE LIST.

Prices quoted by the packet, pint or quart include the prepayment of postage by us. If wanted by express or freight, with other seeds, deduct 8 cents per pint, 15 cents per quart. By express or freight means that purchaser pays the transportation charges.

	Pkt.	Pt.	Qt.	½ Bu.	Bu.
Best of All	\$0.10	\$0.25	\$0.45	\$1.25	\$4.50
China Red Eye .....	.05	.20	.35	1.15	4.00
Dwarf Horticultural .....	.10	.25	.45	1.25	4.50
Early Mohawks .....	.05	.20	.35	1.10	4.25
Early Long Yellow Six Weeks .....	.05	.20	.35	1.10	4.25
Longfellow .....	.10	.25	.50	2.00	....
Refugee Extra Early .....	.05	.20	.40	1.35	4.50
Refugee, or 1,000 to 1 .....	.05	.20	.40	1.25	4.50
Red Valentine .....	.05	.25	.45	1.25	5.00
Burpee's Stringless Green Pod .....	.10	.25	.45	2.00	7.00
Valentine Giant Stringless	See list of specialties.				
White Valentine .....	.05	.25	.45	1.25	4.50
White Kidney .....	.05	.25	.45	1.25	4.50
White Navy or Boston Pea .....	.05	.20	.35	1.00	3.00
White Marrow .....	.05	.20	.35	1.15	4.25



Best of All.

Best of All. (See cut.) Popular everywhere. The vines are strong and vigorous, producing an abundance of handsome green pods quite early in the season. As the pods mature they are lighter in color and often splashed with red. When ready for use as green shelled, the beans are large, mottled with red, tender and of delicious flavor. The dry beans are mottled in two shades of brownish red. One of the leading heavy yielding green podded varieties. Valuable for private and market use. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

Dwarf Horticultural. Strong, thrifty vines of compact, upright habit, with splendid heavy leaves. It is wonderfully productive and will produce green shelled beans earlier than any other variety. Pods medium length, cylindrical, curved, with splashes of bright red on a yellowish ground. The ripe beans are large, oval, plump, and nearly covered with splashes of bright red. This is undoubtedly the best variety for use shelled green; and although of different form, is about equal to the Lima in quality. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

White Marrow. Very largely grown for sale in the dry state. The seeds are rather small, oval in shape, and of splendid cooking qualities. The pods are straight, quite short, but always well filled. The vines, although of rather a spreading habit, are enormously productive, ripening the crop very early in the season and seldom failing to yield heavily, even during the most severe weather. Our stock of this old favorite has been carefully selected for a number of years. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.15, bu. \$4.25.

Extra Early Refugee. Frequently called "Thousand to One," on account of its wonderful yields. It is a great improvement on the old Refugee, as it comes in about two weeks earlier and is more productive. The pods are of a rich shade of green and of the finest flavor. Beans drab colored, speckled purplish red. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.35, bu. \$4.50.

May's White Valentine. An excellent green podded bush bean of fine quality. The vines are strong, healthy in habit and exceedingly prolific. The beans when fully ripe are pure white, enabling the growers to sell them as shell beans. Pods are almost round, smooth and stringless. A splendid sort for home gardens. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

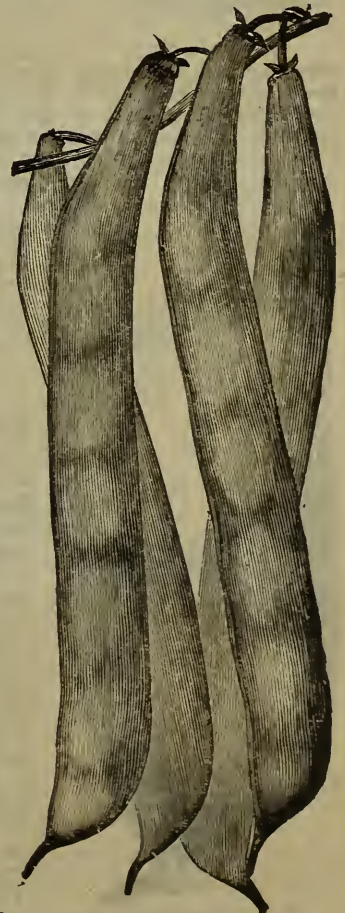
The Burpee's Stringless Green Pod. (See cut.) New and desirable. Just the bean for amateurs. An extra early variety that is certain to give entire satisfaction. Ready for market about two weeks earlier than the old varieties. It is positively stringless, and remains tender and crisp longer after maturity than any other variety. Several tests since its introduction enable us to speak in highest terms of its qualities. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green pod varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. A bean that cannot be too highly recommended. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00, bu. \$7.00.



Stringless Green Pod.

Longfellow. (See cut.)

Long green pods, exceedingly prolific, always solid, delicious flavor, wonderfully tender, remarkably early. This is an ideal string bean. The pods are 6½ inches long, pale, soft green in color, perfectly straight and round. They are free from that woolly inner lining of tough skin which we associate with old beans, and what little string exists is not developed until the pod is quite old. The flavor is most delicious, and it has the peculiarity of preserving its delicate color almost intact when prepared for the table. It is remarkably early, being ready for use four days in advance of any variety of merit. Its bearing qualities are unexcelled, and it matures its crop very regularly, even under adverse conditions. Pkt. 10c, pt. 25c, qt. 50c, pk. \$2.00.



Longfellow.

POLE OR CLIMBING BEANS.

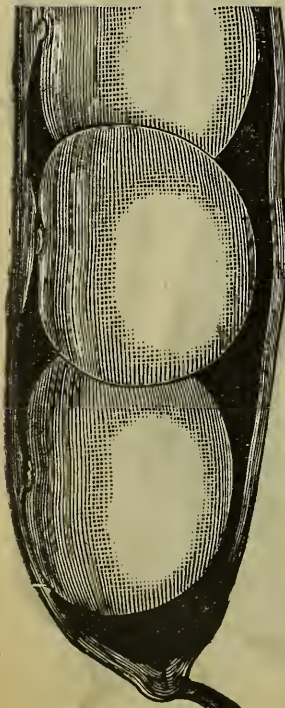
Prices quoted by the packet, pint or quart include the prepayment of postage by us; if wanted by express or freight with other seed, deduct 8c per pint, 15c per quart. By express or freight means that purchaser pays transportation charges.

	Pkt.	Pt.	Qt.	¼ Bu.
Black Wax Pole.....	\$0.10	\$0.25	\$0.45	\$2.00
Creasback, White.....	.10	.25	.45	2.00
Cut Short or Corn Hill.....	.10	.25	.45	2.00
Dutch Case Knife.....	.10	.25	.45	1.75
Giant Red Wax.....	.10	.30	.50	2.25
Golden Cluster.....	.10	.30	.50	2.25
Horticultural or Wren's Egg.....	.10	.25	.45	1.75
Kentucky Wonder.....	.05	.25	.45	2.00
Lazy Wife, Pole.....	.10	.30	.50	2.25
Lima Challenger.....	.10	.30	.50	2.25
" Dreers.....	.10	.30	.50	2.25
" Jersey.....	.10	.30	.50	2.25
" King of the Garden.....	.10	.30	.50	2.25
" Large, White.....	.05	.25	.45	2.10
" May's Champion.....	.10	.30	.50	2.25
" Small or Sieva.....	.05	.25	.45	2.00
Scarlet Runner.....	.10	.25	.45	1.75
Southern Prolific.....	.10	.25	.45	1.75
White Dutch Runner.....	.10	.25	.45	1.75



Golden Cluster.

ing, and its enormous yield recommends it to every one. Few, if any, of the varieties of late introduction are so popular as the Golden Cluster, and certainly none will give better satisfaction than this splendid bean. Pkt. 10c, pt. 30c, qt. 50c, pk. \$2.25.



May's Champion Lima.

Golden Cluster.

(See cut.) The Everlasting Pole Bean. A magnificent variety that bears continuously the entire season. It grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 8 in. in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear, if the pods are picked, until frost. It is a very common thing to pick ½ to ¾ of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Few, if any, of the varieties of late introduction are so popular as the Golden Cluster, and certainly none will give better satisfaction than this splendid bean. Pkt. 10c, pt. 30c, qt. 50c, pk. \$2.25.



Black Wax.

(See cut.) A superb climbing bean with large yellow pods which are produced in great bunches for several weeks during the season. In many sections this is considered the most desirable snap bean that can be grown. Pkt. 10c, pt. 25c, qt. 45c, pk. \$2.00.

Lazy Wife. (See cut.) The most popular pole bean grown. Pods are wonderfully broad, thick and above all entirely stringless. They surpass any other variety in the way vines cling to the poles, and every bean grower will at once acknowledge this a most important qualification. Pods are rather flatish, oval shape, and when fully grown are from four to six inches long, exceedingly rich, buttery and fine flavored when cooked. They are hardy, easily grown and most productive. For an early and late snap sort, also as a dry shell or winter bean it is unsurpassed, and such is the peculiar taste and pleasing flavor of this bean that we have known persons who would not eat other varieties of string beans after tasting Lazy Wife. Pkt. 10c, 3 pkts. 25c pt. 30c, qt. 50c, pk. \$2.25.



Black Wax Pole.

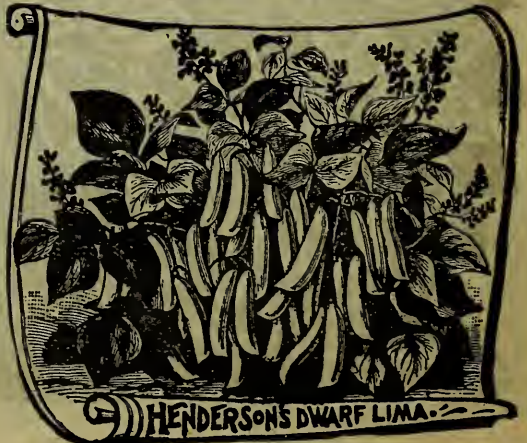
Old Homestead, or Kentucky Wonder.

A remarkable green pole bean that is regarded by many people as the very best of all climbing varieties for both private and market use. This last summer it was fit for the table by August 1st, which was at least ten days earlier than any other green sort. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we heartily recommend it to every one. Pkt. 5c, pt. 25c, qt. 45c, pk. \$2.00.

DWARF OR BUSH LIMA.

Two Varieties (Henderson's or Burpee's)

Thousands have been deterred from cultivating the most delicious of vegetables, the Lima bean, from the great trouble and expense of procuring the unsightly poles on which to grow them. This is now a thing of the past, as the New Bush Lima grows without the aid of stakes or poles, in compact bush form, from 15 to 18 in. high, and produces enormous crops of delicious Lima beans, which can be as easily gathered as the common garden bush bean. The New Bush Lima is at least two weeks earlier than any of the climbing Limas. This fact alone should stamp it as the most valued novelty of recent years, but when in addition to this we realize that it is a true bush bean, requiring no supports, some idea of its great value can be realized. This New Bush Lima produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of Minnesota by the middle of July) until frost, and being enormously productive a very small patch will keep a family supplied with this splendid vegetable throughout the season. We can supply either Henderson's or Burpee's. The former we believe is the heaviest yielder, but the latter is by far the largest and best flavored. Pk. 10c, pt. 25c, qt. 45c, pk. \$2.00.





FRENCH—Betterave.

GERMAN—Runkel Rabe.

SPANISH—Betteraga.

CULTURE—Sow as early in the spring as the ground can be worked, and every two weeks after for a succession, up to the first week of July. The soil should be a light sandy loam, well enriched with stable manure, plowed and harrowed until very fine. For general crop sow about the middle of May. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young beets pulled out of the rows are excellent, used for spinach. The Sugar and Mangel Wurzel varieties should be sown from April to June, in drills two feet apart, and afterwards thinned out to one foot apart in the rows. Beet 1 oz. to 50 feet of drill. 5 to 6 pounds to the acre in drills.

At prices quoted on beet seed, we pay the postage. If seed is to be sent by express at purchaser's expense deduct 10c per pound.

	Pkt.	oz.	1/4 lb.	lb.
Early Bassano, color light red, one of the earliest and best.....	.05	.10	.15	.45
Early Bastians, medium early, 1/2 long blood, red variety.....	.05	.10	.15	.45
Extra Early Egyptian, one of the earliest, medium size forcing variety.....	.05	.10	.15	.50
Early Dewings, an excellent market variety, fine form and flavor, blood red.....	.05	.10	.20	.50
Early Blood Turnip, an old standard, dark red, good for winter.....	.05	.10	.15	.50
Early Eclipse, early forcing, round rooted, bright red.....	.05	.10	.15	.50
Edmund's Blood Turnip, a market gardeners' strain, of great regularity in shape and very dark flesh of fine quality.....	.05	.10	.15	.50
Erfurt Prize, half long, valuable for winter use, color blood red.....	.05	.10	.20	.60
Faust's Crimson (for description see list of specialties).....				
Lentz Extra Early Turnip, an extra early turnip beet, producing a crop in six weeks' time from planting, keeps well and is very productive.....	.05	.10	.15	.50
Lightning, the earliest variety ever introduced, the roots are of fine turnip shade as shown in cut above, skin smooth and flesh a deep blood red color, and of the finest quality, eclipsing all other forcing varieties.....	.10	.20	.30	1.10
Long Smooth Blood, a good late variety for fall or winter use, a great improvement on the common Long Blood.....	.05	.10	.15	.45
Nutting's Crimson (for description see list of specialties).....				
Swiss Chard, grown for its leaves only, the middle of the leaf is cooked and served like asparagus, the other portion of the leaf is used like spinach.....	.05	.10	.20	.55

See Page 50 for Complete List of Stock Feeding Beets.

BORECOLE OR KALE.

GERMAN—Blätter Kohl.

FRENCH—Chou Vert.

SWEDISH—Motkal.

SPANISH—Breton.

CULTURE—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June in well prepared soil, covering it thinly and evenly, and cultivate the same as cabbage. Half an ounce will sow 75 feet of drill.

Dwarf German. Green curled, makes fine greens. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

Tall Scotch. (See cut.) Foliage deeply fringed, color rich green, grows about 30 inches high. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

Siberian. This is also called German greens and sprouts. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

Half Dwarf Moss Curled. A variety intermediate between the tall and the dwarf, having much of the hardness of the tall and the beauty of the dwarf sorts. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00.

Sea Kale. A delicious vegetable, grown for its blanched roots, which are cooked like Asparagus. Sow in the spring and plant out like Cabbage. Pkt. 10c, oz. 25c, 1/4 lb. 80c.



Tall Scotch.

GERMAN—Stecksalat.

FRENCH—Mache.

CORN SALAD.

SPANISH—Machae. Valerianilla.

CULTURE—A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted for use early in the spring, it is sown in September, covered with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.

Large Seeded. Broad leaved. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

Small Seeded. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

GERMAN—Kresse.

FRENCH—Cresson.

CRESS.

SPANISH—Berro o Mastuerzo.

SWEDISH—Krasse.

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled. Extensively used as a small salad; the leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

Water Cress. This is a well-known hardy perennial aquatic plant sold in immense quantities in our markets in the spring. It is easily grown by planting along margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant pungent taste. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00.

MAY'S NORTHERN GROWN SEEDS

GERMAN—Kopf-Kohl.

FRENCH—Choux Pomme.

SWEDISH—Kål.

SPANISH—Repollo.

We take special pleasure in recommending our strains of Cabbage to our patrons. Exercising, as we do, the utmost care in the growth and selection of our seed stocks, we know that the Cabbage seed which we offer is unsurpassed in quality. We do not offer two strains of one variety, as we deem the BEST none too good for those who kindly favor us with their orders.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plow deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart, the large varieties to be from two to four feet apart in the rows, with rows from two and a half to four feet apart, the distance varying with the size. The crop should receive as many as two hoeings and three cultivations. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops.

One of the most successful market gardeners recommends sowing cabbage for family use as follows: At the desired time sow the seed in hills, six to twelve seeds in a place, and after the plants are of sufficient size thin to a single plant to the hill, and cultivate as usual. This is a very simple method and in some cases is very successful.

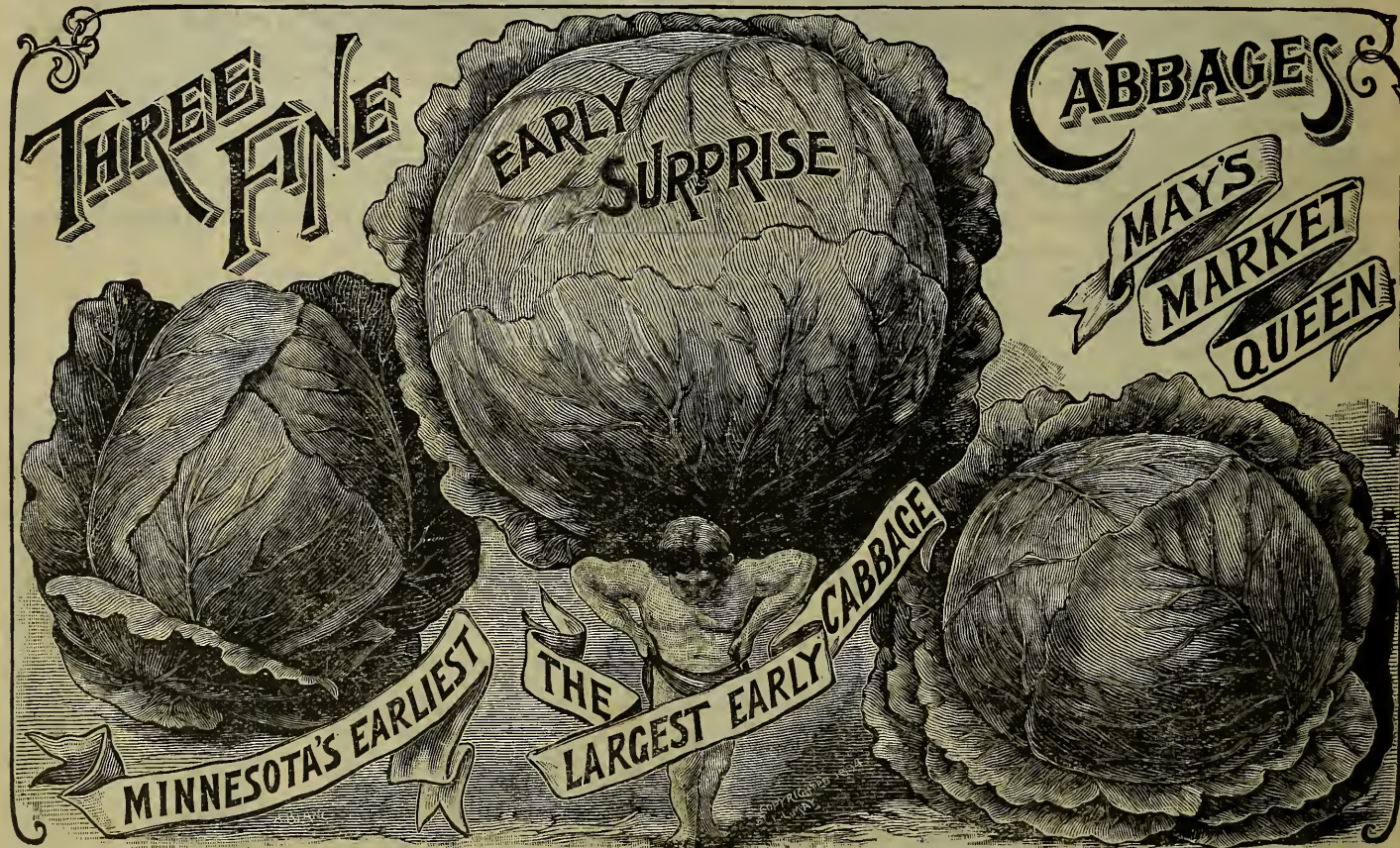
Cabbages should be hoed every week, and the ground stirred as they advance in growth, drawing up a little earth to the plant each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply an emulsion of kerosene made as follows: Add one quart of kerosene oil to two quarts of boiling soft soap which has been thinned to the consistency of cream. Stir the oil thoroughly by churning or other method until it has united with the soap and forms a cream-like substance. Then dilute with five times as much water. Tobacco dust, ashes, slacked lime and coal dust are all recommended as preventatives, and with us have proved valuable in the order named. These are scattered about the plants, leaving one here and there untreated for the flies to congregate around and deposit their eggs upon, when they should be pulled up and destroyed.

The cabbage worms which destroy the leaves and heads later may be killed by dusting with pyrethrum powder.

If the disease called club root should get a foothold, do not plant the land with any of the *Brassica* family for a year or two. This is usually an effective remedy.

To preserve cabbage during the winter, pull them on a dry day, and turn them over on their heads a few hours to drain. Set them out in a cool cellar or out of doors in long trenches in a dry situation, covering with boards or straw so as to keep out frost and rain.



1 oz. will produce 1500 plants.

 $\frac{1}{2}$ lb. to transplant 1 acre.

May's Early Surprise. (See cut.) Acknowledged to be the largest and finest early cabbage in the world. It comes in ten or fifteen days earlier than the early summer. It can't be beat for shipping and is worth a fortune to gardeners. The Early Surprise is unquestionably the nearest approach to a thoroughbred of any variety ever introduced. More cabbages can be grown to the acre than any other variety we know of. Pkt. 10c, 3 for 25c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00, postpaid.

Market Queen. (See Cut.) The gardeners' favorite for medium early and late use. It is an early drumhead cabbage yielding heads of an enormous size and of the very best quality. In sweetness, tenderness and richness of flavor it surpasses any other variety we have ever tested. Pkt. 10c, 3 pkts. 25c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$3.00, postpaid.

Minnesota's Earliest. (See Cut.) A conical shaped, hard headed, extra early cabbage that never fails to give satisfaction. We have tested all the extra early sorts and know that none can equal the Early Surprise or Minnesota's Earliest. Will produce good sized marketable heads seventy days from time of sowing. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, postpaid.

One packet each of these 3 excellent varieties for 25c.

CABBAGE.

AT PRICES QUOTED on cabbage seed we send by mail postpaid. If wanted by express at purchaser's expense deduct 10 cents per pound.

Solid South. (See cut.) The best general crop cabbage in the world. Surest heading late sort. Keeping qualities unequalled. It is a large, round variety, with flattened heads. For shipping or home marketing it is the finest cabbage we know of. It will make good, large, solid heads under the most trying circumstances, and will keep in fine condition longer than any other sort. Pkt. 10c, 3 pkts. 25c, oz. 35c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Early Spring Cabbage. (See cut.) An extra early flat-headed variety coming in with the Wakefield and yielding a third more than any of the extra early sorts. Has only 4 or 5 outside leaves, so that it may be planted 21 inches apart, about 14,000 to the acre. It is wonderfully uniform in shape and almost entirely edible, very finely grained and has the peculiarity of heading firmly at an early stage in its growth. Pkt. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$4.00.

EARLY POINTED HEADS.

Extra Early Express. Wonderfully early conical-shaped heads. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.

Early Jersey Wakefield. One of the best hard heading first early. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75.

Extra Early Etampes. Extremely early and of good quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Early Dwarf York. Very early, heads small, not quite as large as Jersey Wakefield; very tender and sweet. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.

Large Early York. A little larger and usually a week later than the above. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.

Early Winningstadt. A sure header, keeps better than most early varieties. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.

EARLY AND MEDIUM EARLY FLATHEADS.

Deep Head. Large heads, very solid, almost round, fine keeper. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.50.

Early Dwarf Flat Dutch. Heads large, solid, fine grained, tender and sweet. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 75c, lb. \$2.00.

Early Drumhead. Heads large, round, slightly flattened. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Early Summer Selected. Heads round. Largest of the early kinds. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

All Seasons. Fine large heads, quite early and long standing. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$2.00.

Fottler's Brunswick. Large flat heads, extensively grown for shipping. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Vandegraw. A sure-heading midsummer sort. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Succession. Large heads, good for early, medium or late crop. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.50.

Surehead. Large, solid heads, a fine shipper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Oxheart. Heads very fine and of good flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.60.

Stein's Drumhead. Sure header, the head weighing from 10 to 12 pounds, solid and of fine flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 75c, lb. \$2.00.

LATE FLAT SORTS.

Short Stem Drumhead. One of the finest for late sorts. Heads large, a good keeper. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Stonemason Drumhead. Heads of good size, round and slightly flattened. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Large Late Drumhead. A standard winter cabbage for main crop. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Premium Late Flat Dutch. Also a late winter cabbage. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

May's "Long Keeper." The grandest and best type of late cabbage ever produced. Tested with other late sorts it has surpassed them all in keeping qualities and in handsome appearance. We believe it is a fit companion for Hollander, that famous variety which is attracting so much attention in the gardening world. It grows to a large size, is very solid and rather flat in shape. A splendid shipper and just the variety for gardeners who want a long keeping, fine appearing cabbage that will sell at sight and remain in fine condition for months. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Hollander. (See cut.) In the cabbage markets of the country today it is commanding from \$8 to \$10 per ton more than any other variety. At our Mayfield seed farms the past season, notwithstanding the drought, on less than $\frac{1}{2}$ acres we have grown and stored 42 tons of this variety, and in all our tests this cabbage shows the least inclination to burst.

The heads are of medium size, very solid and deep, averaging in weight nearly 8 pounds, and of a fine, white color, making them entirely distinct from any other strain. Their quality is superior and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell beside it even if offered at half the price. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$3.00.

Marblehead Mammoth. A large drumhead variety, sure to head. It is very hardy, enduring severe frosts, and easily kept all winter. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

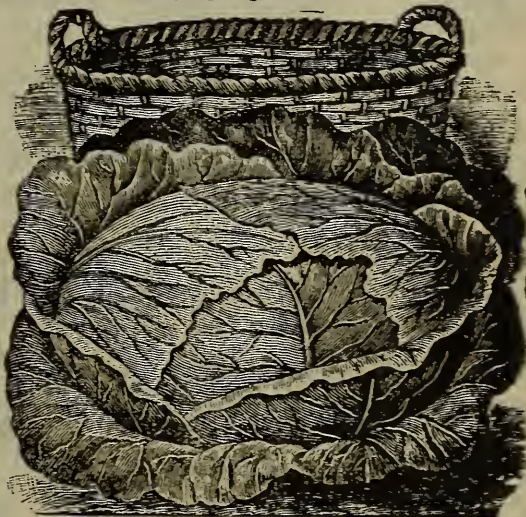
CABBAGE SAVOY.

Dwarf Ulm Savoy. Small, round, deep green heads; very early. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$2.00.

Drumhead Savoy. Heads large and very finely curled; excellent keeper. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$2.25.



Early Spring.



Hollander.

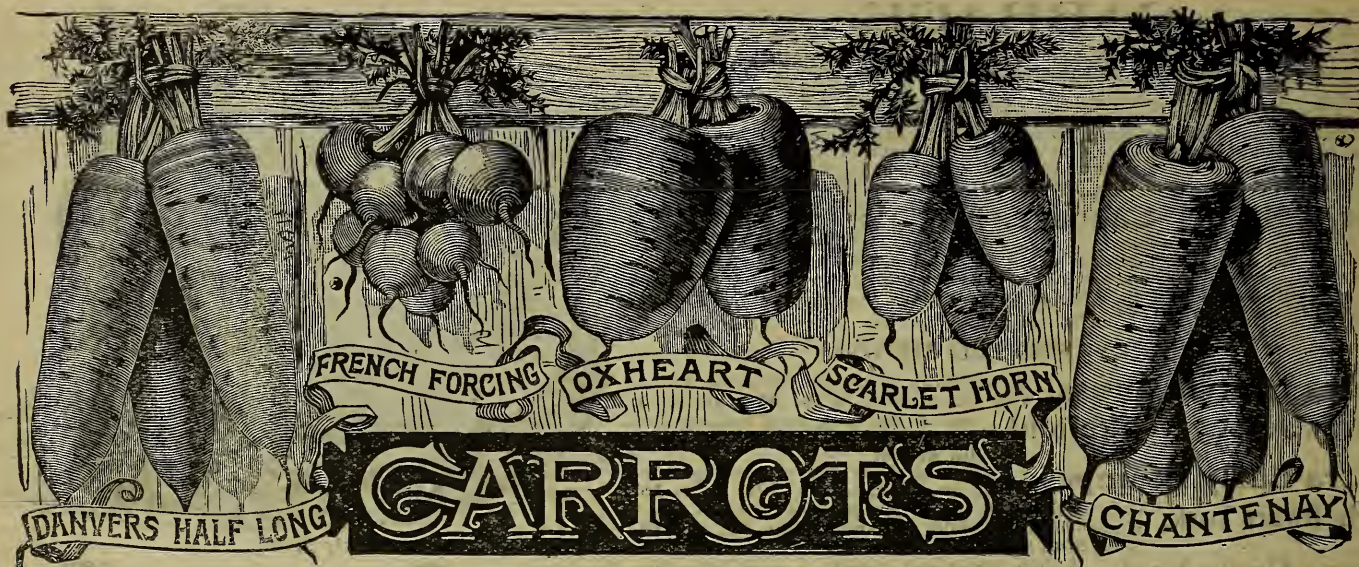


Solid South.

RED CABBAGE.

Mammoth Red Rock. Largest and most solid of the red varieties; very tender. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

Red Dutch. Heads hard and flat. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.00.



GERMAN—Mooehren.

FRENCH—Carrotte.

SWEDISH—Morötter.

SPANISH—Zanahoria.

Prices quoted include prepayment by mail. If wanted by express deduct 10c per pound.

The Carrot is one of the most nutritious and healthful of roots and ought to be more generally used for the table as well as for stock feeding purposes. We ask our readers to give them a trial. Any good rich garden soil that is deeply worked will raise Carrots.

CULTURE—When it is possible to do so, it is advisable to sow as early in the spring as the ground is fit to work, though good crops may, in this latitude, be grown from sowings as late as June 1st, but one is less certain of good crops from such late planting. Prepare the ground thoroughly and sow in drills 18 to 24 inches apart, using from one and one-half to three pounds to the acre, according to the distance between rows. Cover one-half to one inch deep and see to it that the soil is well firmed above the seed. As soon as the plants appear, use the cultivator or wheel hoe and do not let the weeds get a start. Thin to three to six inches apart in the row as soon as the plants are large enough. For winter use gather and store like beets or turnips. One ounce will sow a row 100 feet long.

Half Long Danvers. (See cut.) Improved stock. One of the most productive for field culture. Tops medium, roots dark orange color, of medium length, tapering abruptly at the point, very uniform and handsome, flesh deep orange. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

French Forcing. (See cut.) Extensive. ly grown for forcing purposes. The roots are globe shaped and of a deep orange color, flesh fine grained. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Guerande or Oxheart. (See cut.) A desirable variety on soil too hard and stiff for the longer growing sorts, as it is not over 5 or 6 inches long. Quality the best, can be easily pulled. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Early Scarlet Horn. (See cut.) Stump root. Popular for forcing and early outside sowing. Flesh deep orange, small tops. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Half Long Scarlet Stump Root (Nantes). Skin smooth, stump rooted, the flesh is red, of fine flavor, having very little core. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Long Orange. The best late variety for field culture, a fine keeper and retains its bright orange color during the winter. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

James Intermediate. The roots are regular in form, smooth, solid and average about 10 inches in length; very productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

For Stock Feeding Varieties See Page 47.

GERMAN—Curfe.

FRENCH—Concombre.

CUCUMBERS.

SWEDISH—Gurka.

SPANISH—Cohombro.

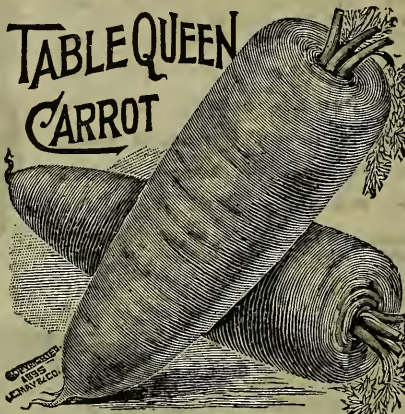
One ounce to 50 hills. Two to three pounds in hills to the acre.

CULTURE—Cucumbers need a warm sandy soil, and should not be planted in open ground until the weather is settled and warm, as they will not thrive until the ground is thoroughly warmed. Sprinkle the young plants with fine ashes, plaster, or air-slacked lime to protect them from bugs. Plant a dozen seeds to a hill, covering half an inch deep. After the plants are started, pull all but three or four of the strongest. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hotbed is necessary, but the simplest and surest way to produce a tolerable early crop of the best kind is, where it is designed to place a hill, dig a hole about eighteen inches deep and three feet across; into this put a barrow of fresh manure and cover with a small box-like frame, on the top of which place a couple of lights of glass. When the plants grow keep the earth drawn up to the stems. Water and give air. As fast as the cucumbers attain a suitable size, they should be taken from the vine, whether required for use or not, as their ripening soon destroys the vine's fruitfulness.

Early Cluster. A vigorous growing variety usually producing the bulk of the crop near the root and in clusters. It is a good table variety and very excellent for pickling purposes. Fruit short, dark green, but paler at the blossom end. The favorite in many sections of the country. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 30c, lb. 50c.

May's Peerless. The gardener's favorite. It is early, fine quality and an enormous cropper, in fact everything that goes to make a good cucumber. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.25.

Early Russian. An extra early short variety, valuable for pickles. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 55c.



Chantenay. (See cut.) For table use this is considered particularly desirable. The carrots have attained such a uniformity that they are almost duplicates of each other. The tops are of medium size, necks small, roots tapering slightly but uniformly, stump rooted. The color is orange red, the flesh very crisp, tender and sweet. Our customers cannot make a mistake by giving this variety a trial. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Table Queen. (See cut.) Undoubtedly the finest Carrot for general use that has ever been introduced. As will be seen by our illustration it is rather long, coming abruptly to a point and has almost no side shoots. In color it is a rich shade of orange and the flesh is solid, yellow and with no core. It is free from the coarse, rank flavor found in most of the varieties of its size. For home use we cannot too highly recommend it to our patrons, and we know that for amateurs it is unequalled by any other variety. We introduced this several years ago and each season convinces us that it is to become one of the leading varieties for private gardens. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.00.



Early Cluster.



CUCUMBERS.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight, deduct 10 cents per pound.
1 ounce will plant 50 hills. 2 to 3 pounds will plant 1 acre.

White Wonder. A splendid white variety. One of the handsomest cucumbers of recent introduction. The vines are vigorous and rapid in growth, thus enabling it to produce a large crop, even under the most adverse circumstances. The cucumbers are an ivory white in color, of good keeping quality, and average about 8 inches in length by $2\frac{1}{2}$ inches through. It is a sure cropper, and the healthy habit of vines and hardiness enable it to be planted very early in the season. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Giant Pera. Our illustration is an exact representation of this wonderful variety. The cucumbers are long, smooth and of a beautiful green color. Unlike most sorts, they are fit to eat at any stage. The flesh is white, clear, crisp, tender and brittle. For private gardens Giant Pera is one of the most valuable varieties that can be grown, and its enormous size—often measuring over 20 inches in length—never fails to attract attention. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00.

Cool and Crisp. This variety is one of the earliest and most productive of all pickling cucumbers. At the pickling stage they are straight, long, even and slim, and until fully grown are of a dark green color. While it is one of the best pickling varieties, it is also excellent for slicing, the cucumbers, when fully grown, being of good size and exceedingly tender and crisp. It is one of the few varieties that bears incessantly the whole season. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

May's Favorite Pickling. The best of all cucumbers for pickling purposes. For years we experimented with all the varieties of different cucumbers recommended for pickling purposes, testing them by the side of our "Favorite," but found none that equaled it either in yield or quality. In form it is solid and rather thick, flesh is crisp and exceedingly tender, although very firm. Taking all together it is about as near perfection for pickling purposes as a cucumber can be. We heartily recommend it to all our friends who desire a choice pickle, and know that thousands of our patrons who purchase it each year will gladly endorse our recommendation. All we can add to this is five words, don't fail to try it. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

STANDARD VARIETIES OF CUCUMBERS.

Arlington White Spine. The trucker's favorite. Very early; color deep green. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Boston Pickling. Extensively used for pickling purposes. Color bright green. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Early Cluster. Fruit small, dark green, borne in clusters. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Emerald. Makes excellent pickles. Color dark green. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Chicago or Westerfield Pickling. The fruit is of medium length, color bright green. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

White Spine Improved. Very uniform in size, very productive, crisp and fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Early Frame. Fruit medium size, fine for table use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Green Prolific. One of the best for pickling. Color dark green. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Jersey Pickling. A long, slender sort; fine for pickling. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Livington's Evergreen. Very early and prolific. Retains its fine green color at all stages of growth. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Long Green Improved. A favorite variety for pickles. Long and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

White Spine Extra Long. A fine, large and well shaped sort a little later than the above. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

West India Gherkins. Small, oval shaped; grown extensively for pickles. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 90c.

Medium Green. Grown for slicing or pickles. Rich green color, tender and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Everbearing. Small sized, very early and productive; continues to bear fruit the entire season. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 60c.

Early Prize. The greatest forcing cucumber ever offered. Extra early a prolific bearer, a vigorous grower and of splendid shape and quality. That's exactly the description given by one who has grown it for the early market, and it certainly needs no further testimony, as that includes about all the valuable points of an extra early forcing variety. It is a most excellent sort for either pickling or table use, and its earliness at once recommends it to all who wish an early cucumber. Give it a trial; it is certain to please you. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.10.

May's Garden Gem. The finest cucumber for slicing. As Favorite is best for pickling, so Garden Gem is the best of all for slicing and the handsomest cucumber for table use we have ever seen. It surpasses all other kinds for beauty flavor and shape, being quite long, thick through, has a fine flesh and few seeds. For general crop, to come in after our great forcing variety, Early Prize, it is undoubtedly the most desirable sort that can be secured. Private and market gardeners will do well to obtain a supply of the seed this season, and we earnestly urge all our friends who have a kitchen garden to give it a place in their garden patch. Pkt. 15c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$1.50.

Early Short Green. Good for pickling. Fruit bright green; very productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Talby's Hybrid. In size it is larger than the White Spine, often growing to the length of 12 inches. Heavy Cropper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 60c.

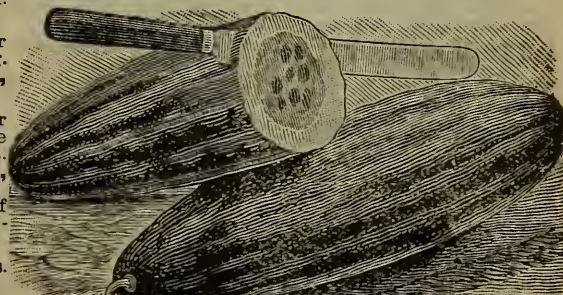
Japanese Climbing. See list of specialties.

White Pearl. See list of specialties.

Long Green Turkey. A long variety and very slim. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



May's Favorite Pickling.



COPYRIGHTED 1894 A. BLANC.

Everbearing.

CAULIFLOWER.

GERMAN—Blumen-Kohl.

FRENCH—Choufleur.

SWEDISH—Blomkal.

SPANISH—Coliflor.

1 oz. will produce 1,000 plants.



May's Famous Extra Early Danish.

The Cauliflower is but little grown except by professional gardeners. It is certain that anyone following the directions given below may be reasonably certain of success in the culture of this delicious vegetable.

CULTURE—For spring and summer sow in late February, March or early April, in hotbeds, transplanting to cold frames when of a sufficient size, then to the open ground when frost is over, though a light frost will not hurt them. The soil should be richer than for Cabbage. Persian insect powder will keep free from worms. Sow and treat as for Cabbage. By giving a liberal supply of water and planting to mature in early summer or late fall, the heads will be much improved. It is also well to cover the heads with the leaves to insure their whiteness. Cut while the curd is hard, to keep from being bitter. The seeds can be sown in September the same as cabbage and wintered over in the same manner.

Extra Early Danish. (See cut.) The Earliest Sure Heading Cauliflower ever offered. A variety no gardener can afford to be without. We offer this year the finest strain of a Sure Heading Early Cauliflower that has ever been introduced to the gardeners of America and we challenge anyone to produce a variety that will surpass it in habit of growth, earliness or certainty of heading. It may truly be called the "Surehead Cauliflower" as we learn it heads up under the most adverse circumstances when other varieties fail entirely. As may be seen by the name it is a European variety and we have procured our seed direct from one of the largest and most reliable growers in that part of the world where Cauliflower reaches the highest state of perfection. It is of dwarf, compact habit and valuable for either forcing or open ground, the heads are of good size and a beautiful snowy white. We have paid a high price for our seed and believe it is worth all we ask for it. Pkt. 25c, 5 pkts. \$1.00, ½ oz. \$2.00, oz. \$3.50.

Autumn Giant. Large, fine heads, well proportioned. Pkt. 10c, oz. 60c, ¼ lb. \$1.75.

Early Paris. Second early, large, white, sure heading variety. Pkt. 10c, oz. 65, ¼ lb. \$2.00.

Early Snowball Forcing. The market gardeners' favorite. Stands the heat and drouth better than most Cauliflowers. The outer leaves are short so that plants may be set close together. We offer selected seed of this variety. Pkt. 20c, ½ oz. \$1.75, oz. \$3.00.

Erfurt Extra Early Forcing. Pure white heads of finest quality. Pkt. 20c, ½ oz. \$1.50, oz. \$3.00.

Lenormands. Short stem. A large, late variety, with well formed white heads of extra quality. Pkt. 5c ½ oz. 40c, oz. 75c.

Snowstorm. We offer here a most carefully selected strain. With proper care this seed is certain to produce large heads of perfect form and color. Pkt. 25c, ½ oz. \$2.00, oz. \$3.50.

GERMAN—Körbel.
SWEDISH—Kyrffel.

Curled. Greatly superior to the old plain variety, being earlier, more handsome, and having fully as fine perfume and flavor. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.25.

GERMAN—Cigorien.

CHICORY. FRENCH—Chicoree. Extensively used to adulterate coffee, and as a substitute for it. The culture is the same as for carrots. Dig at about the same time as carrots, wash, slice and dry by artificial heat. The blanched leaves are used by some for salad.

Large Rooted or Coffee. The best kind. Pkt. 5c, oz. 10c, ¼ lb. 25c.

GERMAN—Blätterkohl.
FRENCH—Chou Cabu.

True Southern or Creole. This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head or a mass of leaves on a tall stem. Freezing improves their quality. Sow thick in drills, in rich ground, transplanting when four inches high, and thin to two or three feet apart in the row, when the proper size. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 80c.

Georgia. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

GERMAN—Edwenzahn.
SPANISH—Amargon.

DANDELION. FRENCH—Pissenlit. The standard sort. Largely grown. Pkt. 10c, oz. 50c, ¼ lb. \$1.75. The best for general use. Pkt. 5c oz. 30c, ¼ lb. \$1.00.

GERMAN—Endbien.
SWEDISH—Cikorie.

ENDIVE. FRENCH—Chicoree. SPANISH—Endivia. Almost exclusively used in soups.

Broad Leaved Batavian. Leaves broad, thick, plain or slightly wrinkled. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

Green Curled. Very hardy, with curled, dark green leaves. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

French Curled Moss. Handsomely curled, a desirable sort. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

White Curled. Most desirable. Resembles the green curled, except in color. Should be used when young; tinted white. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

GERMAN—Eierpflanze.
SPANISH—Berengena.

EGG PLANT. FRENCH—Aubergine. 1 oz. for 1,000 plants.

CULTURE—The Egg Plant will thrive well in any good garden soil, succeeds best in a deep, warm, rich soil, and full exposure to the sun. Sow in hotbed very early in the spring, transplant two and one-half feet apart each way after weather becomes settled and warm.

Black Pekin. The fruit of this variety is jet black, fine grain and delicate flavor, very prolific and desirable for market gardeners. Pkt. 10c, oz. 40c, ¼ lb. \$1.50, lb. \$4.50.

Early Long Purple. Much smaller than the New York Improved. very early and productive; fruit long, dark, rich purple, good quality. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

New York Improved. The best in cultivation; large, round, dark purple, and very productive; is the main sort used for both market and family use, and in the South. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00.

Early Round Purple. Pkt. 10c, oz. 20c, ¼ lb. 60c.

SOME CHOICE CELERIES.



GERMAN—Sellerie.
SWEDISH—Selleri.

FRENCH—Celeri.
SPANISH—Apis.

1 ounce will produce 3,000 plants.

CULTURE—Sow this slowly germinating seed in a shallow box or in straight rows in a finely prepared bed. See that the seeds are kept

almost wet and only lightly covered until they germinate. Thin and transplant when about 2 inches high, so that when about 4 inches high the tops may be cut off, the plants standing about 3 inches apart. By cutting it makes the plants grow stocky. A good soil and plenty of water is essential to success. Set out about the middle of June or July, but good plants may be had by setting out as late as August. In setting, prepare broad, shallow trenches about 6 inches deep and four feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Earth up a little during the summer, keeping the leaf stocks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather, or when the plants are moistened with dew. To preserve celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the celery in these, erect as they grew, with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a good deal of frost. The trench must have a good drainage.

Evans' Triumph Celery. (See cut.) One of the best late sorts. Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

Self Blanching. (See cut.) A favorite with amateur gardeners everywhere. The ribs are perfectly solid, crisp, brittle and of delicious flavor, surpassed by no other variety, while it has the decided merit of being self blanching to a very remarkable degree. Without banking up or any covering whatever, even the outer ribs become of a handsome, fresh, yellowish-white color. The heart is large, solid and of a beautiful, rich golden-yellow color. The leaves are also of a beautiful golden-yellow after the plant has been bleached, which adds greatly to its handsome appearance when prepared for the table. For early use grow White Plume and Self Blanching, for late and winter use our Giant Pascal, and you will have the finest selection of celery that can be produced. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

Giant Pascal or Winter King. (See cut.) The leading celery for winter use. The stalks are remarkably large, thick, solid and entirely stringless. It is a very vigorous grower; the heart is a rich, bright yellow, even without blanching. It blanches very easily, requiring only five to six days earthing up, when the outer stalks present a beautiful clear white appearance. Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

White Plume. (See cut.) It is more largely grown for both private and market use than any other sort. In earliness it surpasses any other celery, as it can be blanched for the table in September, while for flavor and quality none can compare with it. Many of the leading growers of America claim this and Self Blanching are the only sorts it pays to raise. We have been extremely careful in selecting our seed of this famous variety and believe the seed we offer this season is as pure a strain of White Plume as can be obtained. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

Golden Heart. (See cut.) A very popular and distinct variety of dwarf, sturdy habit. A most valuable sort for the home garden. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

White Solid. The largest of all the celeries. It is remarkably tender and keeps the rich flavor longer than any other early variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

Boston Market. A favorite with the Boston gardeners. Very tender, brittle and mild. Good for light soils. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

Crawford's Half Dwarf. Entirely solid, possessing a rich nut-like flavor. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

Eureka. For description see list of specialties.

Henderson's Half Dwarf. A leading market variety of medium growth, fine quality and a good keeper. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

Hartwell's Perfection. An excellent large growing variety of creamy white color. One of the finest market sorts and a good keeper. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.40.

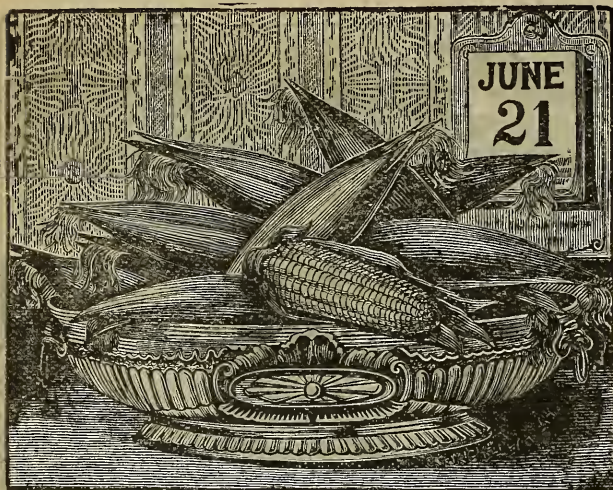
Pink Plume. The stalks of this new variety are of pure creamy white, shaded with a beautiful delicate pink; a long keeper of fine flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.



Evans' Triumph.



Celeryac.
(See page 29.)



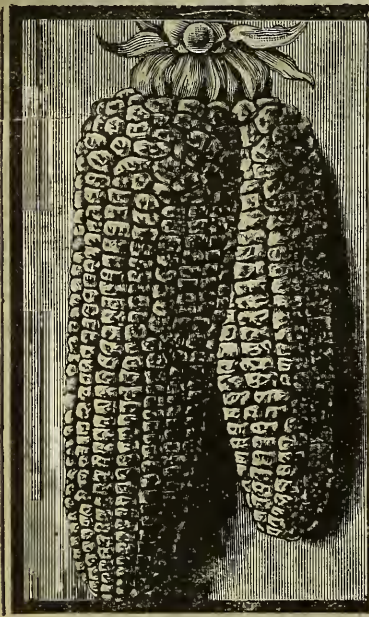
June Market.

Kendel's Early Giant.

The ears measure 8 to 10 inches long, and have 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. It comes into use with the standard early sorts, with ears twice as large as Early Crosby and Minnesota. Pkt. 10c, pt. 25c, qt. 45c, pk. 90c, bu. \$3.25.

June Market.

Just the variety for gardeners who grow for the early market. It ripens early, usually within eight weeks from the time the seed is planted, and makes fair sized ears that cook tender and white.



New Early Evergreen.

SWEET CORN.

GERMAN—Weichkorn.
SWEDISH—Socker Majas.
FRENCH—Mais.
SPANISH—Maiz.

CULTURE—This requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and, if a continuous supply is wanted all summer, make plantings about two weeks apart, from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows three feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about 1 inch deep for early, and a little deeper for late. Thin to three plants in a hill. Give frequent and thorough but shallow cultivation until the tassels appear.

Prices quoted on Sweet Corn by the packet, pint or quart include the prepayment of postage. If wanted by express or freight deduct 5 cents per pint, 10 cents per quart. By express or freight means that purchaser pays transportation charge.

Extra Early Varieties.

New Early Evergreen Sweet Corn. One of the very best Sugar Corns in existence, possessing every good quality of Stowell's Evergreen, except that the stalk is about one foot shorter, and that it will mature in 80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about 18 rows of very large grains. There is no better corn than the Early Evergreen for the market gardener. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.00, bu. \$3.50.

Early Sheffield Sweet Corn.

One of the earliest Sweet Corns. Can be planted very early in spring, the plants being very hardy, and can withstand light frosts. The stalks are very strong and vigorous, growing about 5 feet in height, the leaves are numerous, the ears are quite large, of handsome appearance, and one or two on each stalk. The grains are of medium size and of remarkably good quality for so early a sort. The great merit of this variety lies in the fact it does not smut. The early Sheffield is certainly, owing to the many good qualities it possesses, one of the most desirable sorts for early trucking. Pkt. 10c, pt. 25c, qt. 45c, pk. 90c, bu. \$3.25.

Adams' Extra Early.

A standard early variety. Pkt. 10c, pt. 20c, qt. 35c, pk. 60c, bu. \$2.25.

Cory Red Cob.

A very early variety with good sized ears and large grains. Pkt. 5c, pt. 20c, qt. 35c, pk. 65c, bu. \$2.25.

Cory White Cob.

Fully as early as the above, while the ears are of larger size, the cobs being white; the grains are entirely free from the dark tinge noticeable in the original strain. Pkt. 5c, pt. 20c, qt. 35c, pk. 65c, bu. \$2.25.

Crosby's Early.

Sweet and juicy, fine for home garden. Pkt. 5c, pt. 20c, qt. 35c, pk. 65c, bu. \$2.25.

Marble Head.

Very early, of dwarf habit with short thick ears. Pkt. 5c, pt. 20c, qt. 30c.

Early Minnesota.

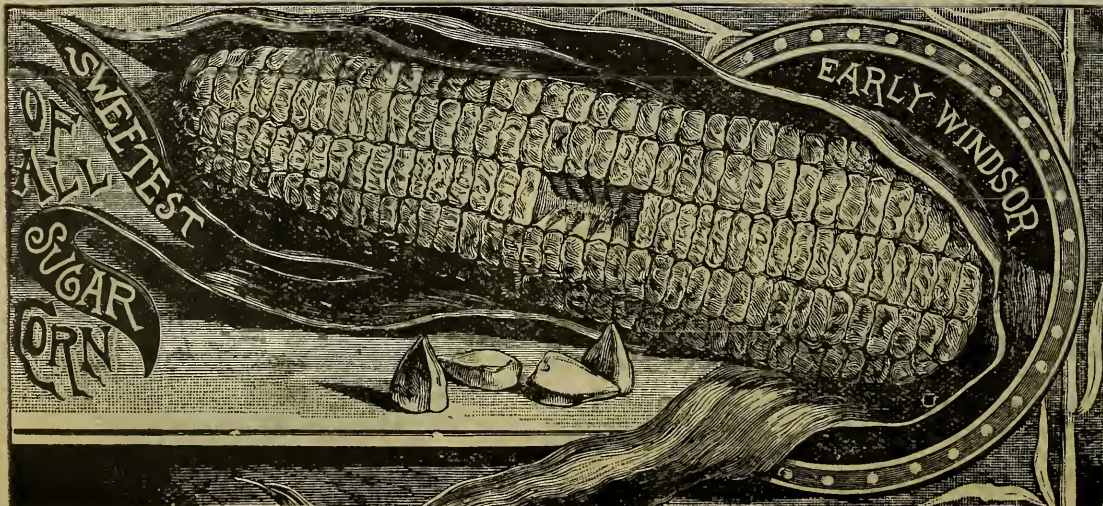
Plants dwarf, ears short, but fine and of excellent quality. Pkt. 5c, pt. 20c, qt. 35c, pk. 65c, bu. \$2.25.

Metropolitan.

For description see list of specialties.

Early Windsor.

The earliest of all Sugar Corns. Very sweet. The Most Delicious Variety that can be grown. Extra Early. Testimonials from growers in all parts of America convince us that we now have the earliest, finest flavored and most productive early sweet corn that has ever been produced. It is remarkable for its fine appearance so early in the season, and while the ears are not quite so large as the late sorts, they are always well filled and the kernel is of the best quality. From actual tests in a fair season, good ears for boiling can be grown in fifty days from sowing of seed. This is a record which we think is unequalled by any other corn. We have never seen anything that can equal Early Windsor, either for private gardens or for the largest gardeners, who make a specialty of supplying the early markets. We certainly recommend it very highly, for we feel it will please every one of our customers who tries it. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.00, bu. \$4.00.



SWEET CORN. Medium Early Varieties.

Mammoth White Cory. (See cut.) The largest and best extra early sweet corn. The stalks are no larger than those of the Cory, and mature their ears fully as early, but the ears are 12 instead of 8 rowed, very much larger and quite free from the open space between the rows which is such an objectionable feature of the old Cory. The grain is very white, the quality is good, and the size and beauty of the ears give this variety ready sale even if the market is glutted with other sorts. Pkt. 10c, pt. 20c, qt. 35c, pk. 75c, bu. \$3.00.

Adams' Early. An excellent early field sort. Ears about 8 inches long, 12 to 14 rowed. Pkt. 5c, pt. 15c, qt. 25c, pk. 75c, bu. \$2.50.

Black Mexican. Tender and sweet; considered one of the finest table sorts. Pkt. 10c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Early Monarch. For medium or general crop. Ears are of large size, very white and of rich flavor. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.25.

Hickox. A standard variety largely grown for canning purposes. Pkt. 5c, pt. 20c, qt. 35c, pk. 65c, bu. \$2.25.

Mammoth Early Sugar. Sweet, tender and delicious; one of the most valuable early sorts. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.75.

Moore's Concord. Of strong growth, matures early, ears large, of fine quality. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Perry's Hybrid. A large, early variety, ripens about the same time as Early Minnesota. Ears of a larger size, usually contain about 12 to 14 rows of kernels well filled to the end; the kernels are large, sweet, tender and pure white; cob red. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Shaker's Early. A popular market sort. The kernels are large, pearly white and of a fine flavor, ripens about the same time as Early Minnesota, but the ears are much larger. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Wisconsin Beauty. (See cut.) A mammoth early, heavy yielding corn, of the finest flavor. In ordinary seasons it is usually ready for the table in about nine weeks from the time of planting. Cob small, kernel large, deep and of a snow white color. Pkt. 10c, pt. 30c, qt. 50c, pk. \$1.00, bu. \$3.50.

May's Acme. A valuable sort for market men. Ears large, generally 12 rowed and 8 to 10 inches long, very productive; it will produce more bushels of ears to the acre than any other variety. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.00.

Ne Plus Ultra or Shoe Peg. Very desirable for family use, bearing frequently 3 to 4 ears on a stalk, very sweet and tender. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Old Colony. A good second early sort of strong growth. Stalks about 6 feet in height, bearing two good ears from 8 to 10 inches in length, with 12 or more rows of handsome white grains of excellent quality. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

SWEET CORN. Late Varieties.

Country Gentleman. (See cut.) The most delicious of all sweet corns and also one of the most productive sorts. The ears are of good size, with a small cob and very clear, deep white kernels, tender and sweet, many of the stalks bearing three to four ears. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Egyptian. Ears large and of superior quality. Grown extensively for market and canning purposes. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Mammoth Late. Extra large, ears usually 14 to 18 rowed, cob white and well filled, deep kernels of good quality. Pkt. 5c, pt. 20c, qt. 35c, pk. 75c, bu. \$2.50.

Stowell's Evergreen Selected. The popular variety for general use. It is very tender, sugary and remains green a long time; a heavy yielder. Pkt. 5c, pt. 20c, qt. 35c, pk. 60c, bu. \$2.00.

POP CORN. For the Children.

Mapledale. This is, without doubt, the most prolific pop corn that has ever been introduced. The average ear measures over six inches, and the grains are almost a pure white in color. It pops a clear white, and of the finest quality. The originator of this variety has counted as many as nineteen ears to a stalk, and it certainly is at the head of the list of pop corns. Pkt. 10c, pt. 25c, qt. 40c.

White Pearl. Smooth, small grain, ears four or five inches long, seven-eighths to one and one-eighth inches in diameter. Good for family use or market. Pkt. 5c, pt. 25c, qt. 40c.

Rice. A very productive variety. Ears short, kernels long and pointed. A splendid popping sort, and the most salable among the retail dealers. Pkt. 5c, pt. 20c, qt. 35c.

New Striped. Very distinct and showy, each ear having kernels of various shades and colors, red, purple and white. Quality the best and wonderfully tender. Pkt. 10c, pt. 25c, qt. 45c.

Golden Queen. Ears of large size, and the kernels pop to over an inch in diameter. Pkt. 10c, pt. 25c, qt. 40c.

For 35 Cents we will send one packet each of the above five varieties of Pop Corn.

CELERIAC.

CULTURE—Sow the seed in the same way that celery seed is sown. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

Apple. Has small foliage and globular roots; fair size. Pkt. 5c, oz. 20c, ¼ lb. 50c.

Large Erfurt. (See cut, page 27.) The root, which is turnip shaped, is cooked or sliced and used with vinegar; more hardy than celery. Pkt. 5c, oz. 20c, ¼ lb. 50c.

SPECIAL OFFER.

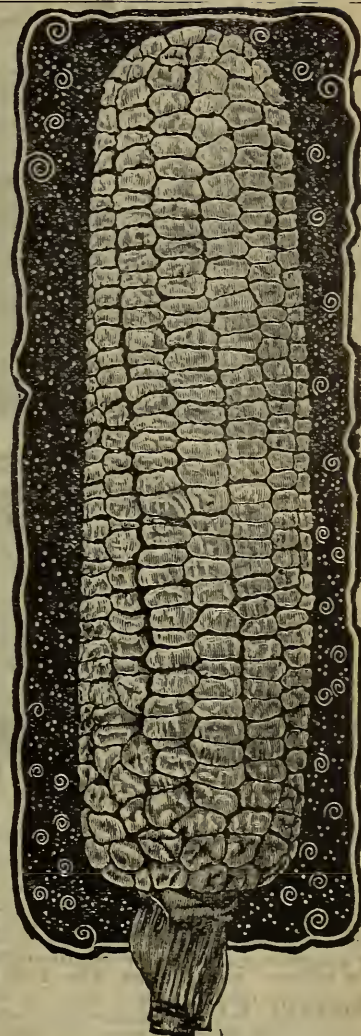
Three best sorts for a continuous supply of Sweet Corn, from early summer till late autumn: Early Windsor, May's Acme, Stowell's Evergreen.

One packet each of the 3 kinds 15c postpaid.

One pint each of the 3 kinds 60c postpaid.

One quart each of the 3 kinds \$1.00 postpaid.

One peck each of the 3 kinds \$2.25 by express or freight at purchaser's expense.



Mammoth White Cob Cory.



See our TRIUMPH CORN PLANTER, page 110. A most valuable implement.



A PAGE OF LETTUCE

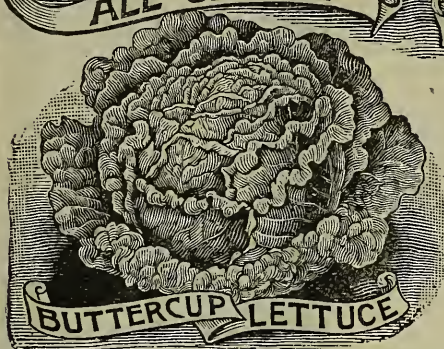


ALL CREAM



DENVER

MARKET



BUTTERCUP LETTUCE

GERMAN—Kattich.
SWEDISH—Salad.

FRENCH—Laitue.
SPANISH—Lechuga.

The most used of all salads, is of easy culture, requires rich, moist soil, and clean cultivation, on which depend its appearance, tenderness and flavor. For early spring use, sow in a seed bed in September or October, and protect through the winter in cold frames, or in the South with leaves or litter, or sow in a hotbed in early spring; as soon as the ground can be well worked transplant in good, rich ground to rows 18 inches apart and 8 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance.



BLACK SEEDED SIMPSON.

Sow in drills $\frac{1}{4}$ inch deep, 18 inches apart, and thin to 12 inches apart in the rows.

One ounce of seed makes 2,500 plants.

All Cream. (See cut.) Few, if any, of the varieties have had such an immense sale as our All Cream since its introduction, about three or four years ago. All Cream is a most desirable cabbage lettuce, but we do not consider it particularly valuable for forcing. It is certainly a grand variety, and for beauty of foliage, tenderness and delicacy of flavor it is unsurpassed. The heads are of good size, and the rich, creamy color of the leaves never fails to attract attention. It is a strong grower of superior quality and most beautiful appearance. The fact that it will keep crisp and tender for a long time is another valuable feature in this new lettuce. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

Butter Cup. (See cut.) A white seeded variety, forming plants of good size, with numerous smooth, round leaves, which are of a clear yellow shade, very sweet, crisp and tender. The heads, when fully formed, are of fair size and exceedingly attractive in appearance. It is a very distinct variety, and we recommend it for both private and market use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 50c, lb. \$1.00.

Denver Market. (See cut.) It is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to run to seed. The leaves are beautifully curled and crimped, and are very tender, crisp and of excellent flavor. C. C. Morse & Co., seed growers, California, say: "It is the best novelty ever sent to us, and, tried in our trial grounds together with 96 other varieties of lettuce, we found it to be the best." Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 50c, lb. \$1.00.

Black Seeded Simpson. (See cut.) It forms a large cluster of leaves and rather a solid head, and is considered very desirable for forcing or early sowing out of doors. The leaves are somewhat rough, blistered, and of a rather light yellowish green shade. Very popular with market gardeners, as its appearance and excellent quality invariably make it command a high price. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 50c, lb. \$1.00.

Early Market (forcing). The earliest curled lettuce we know of, exceedingly sweet and tender. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Read our Specialties before ordering. See pages 3 to 7.

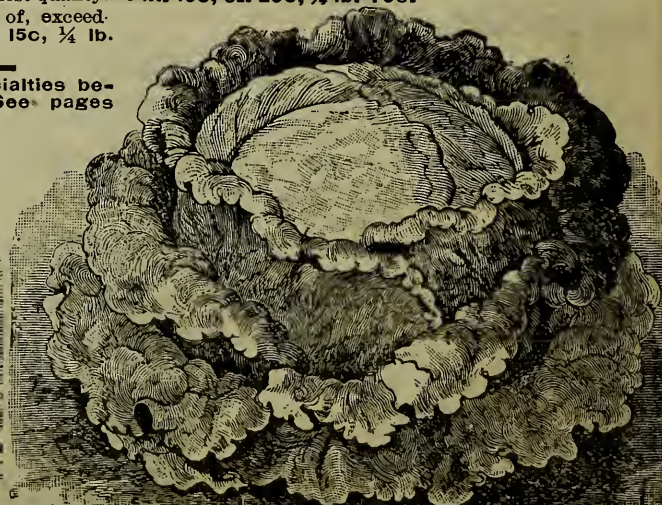
Philadelphia Butter. (See cut.) A dark green, thick-leaved, smooth lettuce, that is very desirable for open ground culture. The plants form a good size, solid, round head, that will stand a long time before running to seed. The inner leaves blanch a peculiar yellow shade, and are of a most delicious, rich, nut flavor. Highly esteemed in the Eastern states. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 50c, lb. \$1.00.

American Gathering. Very distinct in appearance. The tips of the leaves are marked with a violet red color. The leaves are exceedingly tender and of the finest flavor. It may be sown at any time during the summer months and will produce fine plants even in the extreme heat of midsummer. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 50c, lb. \$1.00.

May's Early Challenge. (See cut.) A splendid head variety for home garden or marketing. As a head lettuce this is one of the finest we have ever seen. The leaves are of a large size, and form immense heads of a beautiful apple green shade. It matures quickly and is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become tasteless or bitter with age as is commonly the case with many kinds of lettuce. This is a variety that is certain to please any one who desires a head lettuce of the finest quality. Pkt. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c.



Philadelphia Yellow Butter.



May's Early Challenge.

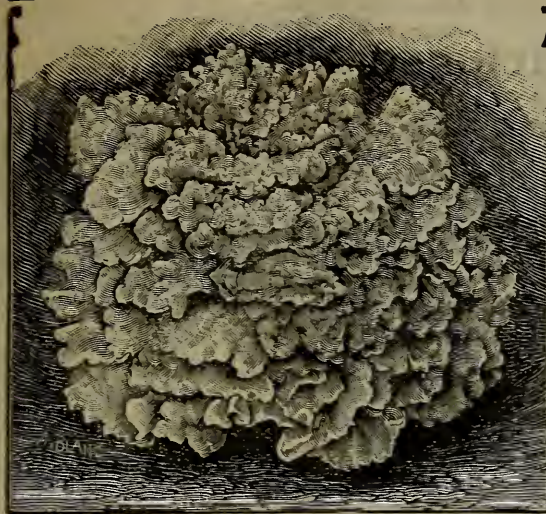
Grand Rapids.

(See cut.)

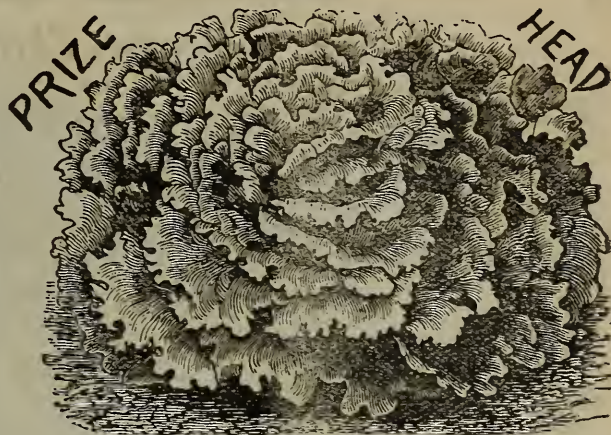
Where a variety is required for greenhouse forcing this is undoubtedly one of the best of the entire list, being of quick growth and remaining in good condition for some days after being fully matured. It is an excellent keeper, and largely grown by market gardeners for shipping purposes. The plant is upright in growth, and forms a somewhat loose, large head of light, yellowish green leaves. Pkt. 5c oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c.

Prize Head. (See cut.)

Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of superb flavor and very hardy; one of the best varieties for family use. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c.



Grand Rapids.

**CONDENSED PRICE LIST OF LETTUCE.**

Prices quoted include prepayment of postage by us. If wanted by express deduct 10 cents per pound.

	Pkt.	oz.	¼ lb.	lb.
All The Year Around, heads of medium size, very compact.....	.05	.10	.30	1.00
Big Boston, Forcing, heads extra large, solid and of fine quality.....	.05	.10	.25	1.00
Boston Curled, very handsome heads of good quality.....	.05	.10	.25	1.00
Deacon, forms a large solid head, crisp and tender.....	.05	.10	.25	1.00
Drumhead Cabbage, forms large cabbage-like heads of good flavor.....	.05	.10	.25	1.00
Grand Rapids, Forcing, it is of rapid growth, forms a somewhat loose head, fine for shipping.....	.05	.10	.25	1.00
Hanson's Improved, very large and solid head, withstands the heat well.....	.05	.10	.25	.75
Hubbard, a large white cabbage variety for forcing or open ground.....	.05	.10	.25	.85
Market Garden, May's, of late introduction, in quality it is as near perfection as can be, forms a good compact head, the outer leaves are a beautiful golden color.....	.10	.20	.45	1.50
New York Improved, a standard sort with large heads, slow to run to seed.....	.05	.10	.25	1.00
Oak Leaf, heads compact, color light green, tender and crisp, free from coarse stems and bitterness.....	.10	.15	.30	1.00
Paris White Cos, of upright habit, tender and crisp, requires to be tied up when blanching.....	.05	.10	.35	1.00
Passion Black Seed, for description see list of specialties.....	.05	.10	.25	.85
Perpetual, an old standard variety.....	.05	.10	.25	.85
Salamander, forms fine compact heads, withstands intense heat.....	.05	.10	.35	1.00
Simpson White Seed, similar to the Black Seed Simpson, much darker in color.....	.05	.10	.25	.75
Tennis Ball, Black Seed, forms a close head, not large, but crisp and tender.....	.05	.10	.25	.75
Tennis Ball, White Seed, a favorite forcing variety, well formed heads, hardy and crisp.....	.05	.10	.25	.75
Tom Hancock, forms a plant 10 to 15 inches high, with beautiful leaves, tender and crisp.....	.05	.10	.30	1.00
White Cabbage, Forcing, heads of good size, greenish white in color, slow to go to seed.....	.05	.10	.25	.85
White Star, Forcing, forms a large loose head, very crisp and tender.....	.05	.10	.25	.85
Wonderful, for description see list of specialties.....	.05	.10	.25	.85
Yellow Butter, mammoth yellow heads, crisp, tender and sweet.....	.05	.10	.25	.85
Yellow Queen, for description see list of specialties.....				

GERMAN—Lanch.

SWEDISH—Purjolök.

LEEK.

FRENCH—Poireau.

SPANISH—Puerro.

CULTURE—The Leek is very hardy and easily cultivated. It succeeds best in a light but well enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. They belong to the onion family, and in some sections are preferred to that vegetable.

American Broad Flag. This variety is more largely used in this country than any other. Plants strong, with broad leaves, growing only on two sides. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

Large Carentan. A most excellent hardy variety. We recommend it as being of very superior quality. Grows to a large size and remains a long time in fine condition. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.50.

Musselburgh. Stem shorter than the preceding varieties, large bulbs, leaves broad and very mild, spreading like a fan. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

London Flag. One of the oldest and best varieties in cultivation, hardy and fine for winter use. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

Large Rouen. The best for forcing, and grows to an immense size. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

HERBS.

Anise—Pkt. 5c, oz. 10c.
Basil Sweet—Pkt. 5c, oz. 20c.
Fennel—Pkt. 5c, oz. 10c.
Horehound—Pkt. 5c, oz. 25c.
Savory—Pkt. 5c, oz. 15c.
Sweet Marjoram—Pkt. 5c, oz. 20c.
Balm—Pkt. 5c, oz. 25c.

Borage—Pkt. 5c, oz. 20c.
Hyssop—Pkt. 5c, oz. 30c.
Sage—Pkt. 5c, oz. 20c.
Tansy—Pkt. 5c, oz. 30c.
Bene—Pkt. 5c, oz. 20c.
Dill—Pkt. 5c, oz. 10c.
Rue—Pkt. 5c, oz. 15c.

Saffron—Pkt. 5c, oz. 20c.
Thyme—Pkt. 5c, oz. 30c.
Caraway—Pkt. 5c, oz. 10c.
Coriander—Pkt. 5c, oz. 10c.
Lavender—Pkt. 5c, oz. 40c.
Rosemary—Pkt. 5c, oz. 40c.
Wormwood—Pkt. 5c, oz. 25c.

GERMAN—Kohl Rabi.

FRENCH—Chou Rave.

KOHL RABI.

SPANISH—Col de nabo.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a turnip. This again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper.

CULTURE—Sow in spring in rows eighteen inches apart, afterwards thinning the plants to eight or ten inches. If the weather is suitable the thinnings may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are two or three inches through they are fit to eat, and should be used at once, being tough when old.

Early White Vienna. Best early variety for table; bulbs white, handsome, small; highly esteemed by market gardeners. Pkt. 5c, oz. 20c, ¼ lb. 50c.

Early Purple. Very similar to the last, except in color, which is a bright purple. A desirable sort. Pkt. 5c, oz. 20c, ¼ lb. 60c.

Large Green. A late variety that is largely grown for feeding stock. The bulbs often weigh seven or eight pounds each, and are of a whitish green color. Pkt. 5c, oz. 15c, ¼ lb. 40c.



Kohl Rabi.



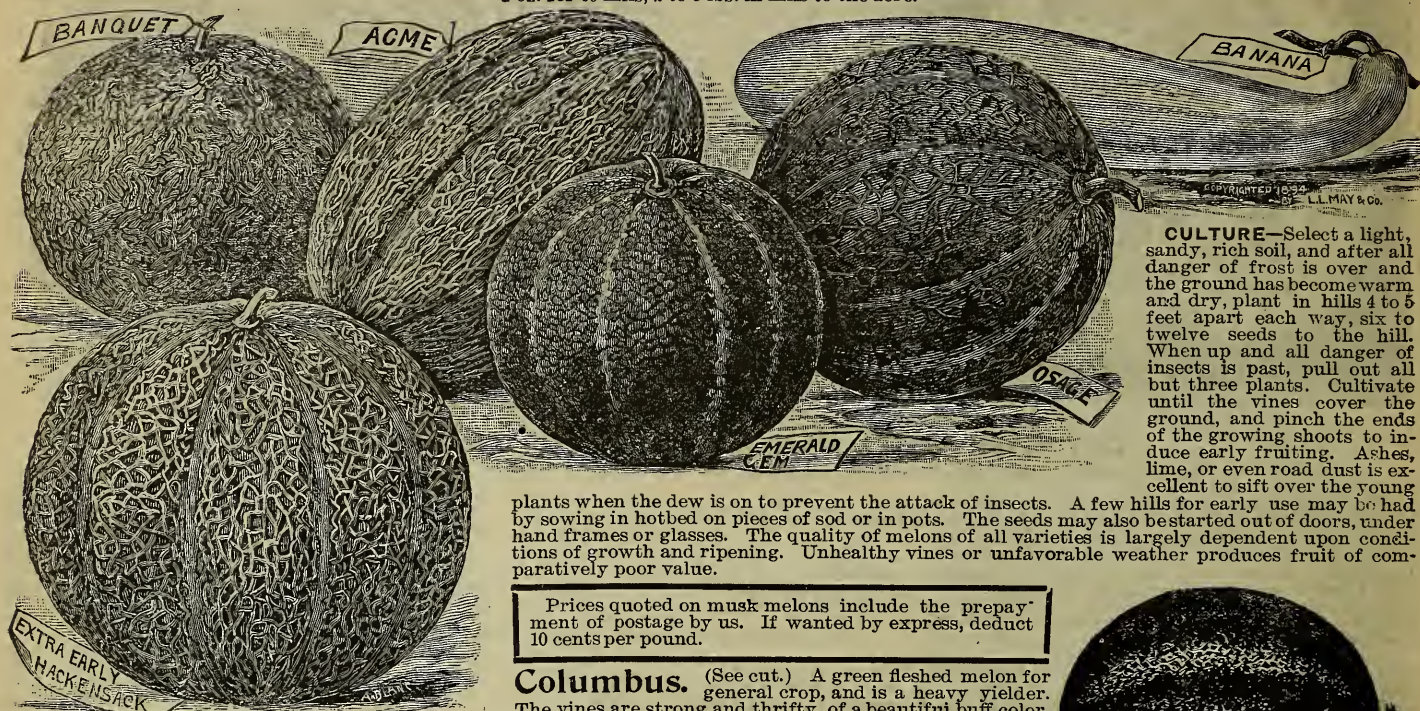
Leek American Flag.

GERMAN—Muskat-Melone.
SPANISH—Melon Muscatel.

Some Choice Musk Melons.

1 oz. for 60 hills, 2 to 3 lbs. in hills to the acre.

FRENCH—Melon Muscade.
SWEDISH—Muskat Melon.



CULTURE—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 5 feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young

plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses. The quality of melons of all varieties is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather produces fruit of comparatively poor value.

Prices quoted on musk melons include the prepayment of postage by us. If wanted by express, deduct 10 cents per pound.

Columbus. (See cut.) A green fleshed melon for general crop, and is a heavy yielder. The vines are strong and thrifty, of a beautiful buff color. Skin is covered with a whitish netting, making it a fine shipper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

Banquet. (See cut.) Claimed by many of the largest melon growers in the United States to be the most productive variety ever introduced, and said to yield 25 per cent more first-class melons to a given area than any other variety. The melons are medium sized, flattened at both ends, and beautifully netted. The flesh is deep, very sweet, and of a rich salmon color. Our stock of this has been carefully grown and selected, and will be found equal to much of the so-called "Special Selected Seed" that is offered at high prices by some firms. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Acme or Baltimore.

(See cut.) An excellent shipping melon, which is largely grown in the vicinity of large cities in the East, for hotel and restaurant use. As will be seen by our illustration, the fruit is of medium size, oval in shape and slightly ribbed at the stem, end ribbed and covered when ripe with a heavy netting. The flesh is green, thick, tender and of a sweet, sugary flavor. A standard melon that invariably gives satisfaction for home or market purposes. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Banana. (See cut.) A novelty in musk melons.

Chicago Market.

CONDENSED PRICE LIST.

	Pkt.	oz.	¼ lb.	lb.
Acme.....	\$0.05	\$0.10	\$0.20	\$0.60
Banana.....	.05	.10	.25	.75
Banquet.....	.05	.10	.20	.60
Bayview.....	.05	.10	.20	.60
Cantaloupe, Long Yellow.....	.05	.10	.20	.60
Cantaloupe, Round Yellow.....	.05	.10	.20	.60
Columbus.....	.05	.10	.20	.65
Delmonico.....	.05	.10	.20	.60
Emerald Gem.....	.05	.10	.20	.60
Green Citron.....	.05	.10	.20	.60
Golden Triumph.....	.10	.25	.65	
Hackensack, Large.....	.05	.10	.20	.50
Hackensack, Extra Early.....	.05	.10	.20	.60
Minnesota Perfection.....	.10	.15	.40	1.00
Netted Gem.....	.05	.10	.20	.55
Newport.....	.10	.15	.25	.75
Nutmeg, Green.....	.05	.10	.20	.50
Nutmeg, Montreal.....	.05	.10	.20	.50
Osage or Miller's Cream.....	.05	.10	.20	.60
Paul Rose.....	See specialties.			
Pineapple.....	.05	.10	.20	.60
Princess.....	.05	.10	.20	.60
Rocky Ford.....	See specialties.			
Skillman's Netted Gem.....	.05	.10	.20	.60
Surprise.....	.05	.10	.20	.60
Texas Cannon Ball.....	.05	.10	.20	.60
Tip Top.....	.05	.10	.20	.60
Triumph Hybrid.....	.05	.10	.20	.60
White Japan.....	.05	.10	.20	.60
Winter Pineapple.....	.10	3 pkts. 25c		

This marvelous melon was introduced several years ago, and created a great sensation among the gardeners in all parts of the United States. They often attain a length of 25 to 30 inches, and Mrs. J. Davis, Long Leaf, N. C., raised a melon measuring nearly four feet long. The flesh is thick, of a rich salmon color, and deliciously flavored when ripe. The vines are wonderfully prolific, often bearing as many as ten or twelve large melons on a single vine. Every one who can spare a few feet in the garden for melons should grow it for family use. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

Extra Early Hackensack. (See cut.) This is a variety possessing all of the good qualities of the Large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Emerald Gem. (See cut.) This is a new variety of excellent quality; it is of medium size. The skin, white ribbed, is perfectly smooth and of a deep emerald green color. The flesh is thick and of a suffuse salmon color, and ripens to the green rind. It is peculiarly crystalline in appearance, and so very juicy and rich that it almost drops to pieces when dipped out with a spoon. The flavor is very sweet and luscious. The vines are hardy and very prolific, and the melons mature extremely early. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Golden Triumph. (See cut.) This still heads our list, for we have as yet to find a melon that surpasses it in flavor, and that is what is really most desired in melons for home use. Good size, flesh sweet and tender, very prolific. Should be grown extensively for the restaurants, as it always brings the highest prices on account of its beautiful color when sliced. The flesh is thick, sweet and juicy; color a deep pinkish orange, and very handsome. Every one who has a small garden, and wants a fine musk melon, will do well to try our Golden Triumph. Pkt. 10c, oz. 25c, ¼ lb. 65c.

Bay View. Fruit long and of the largest size, frequently weighing fifteen to seventeen pounds; deeply ribbed and covered with coarse netting; flesh green, thick and of fine flavor. By far the best of the large melons, and so hardy as to be the best sort for inexperienced cultivators. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Musk Melons.==Continued.

Prices quoted on Musk Melons include the prepayment of postage by us. If wanted by express deduct 10c per pound.

Minnesota Perfection. The largest of all the Musk Melons. Often weighs 25 lbs. This is the grandest Musk Melon ever introduced, grows to an enormous size, frequently weighing 25 lbs. The flesh, which is exceedingly sweet, is of a light green shade. The rind is tough, and stands shipping better than any variety we have ever grown. We cannot too highly recommend Perfection, either for private or market use. In productiveness it excels all other sorts, and many growers who have tried Perfection will raise no other kind. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

Paul Rose. For description see specialties.

Rocky Ford. For description see specialties.

Cantaloupe, Long Yellow. A large, long, oval variety, deeply ribbed, flesh thick, light salmon colored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Cantaloupe, Round Yellow. Same as long yellow, except in shape. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Citron. Green, medium size, deeply netted, nearly round, of delicious flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Delmonico. A deeply netted oval shaped melon of large size, vines vigorous, flesh orange color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Early Green Nutmeg. A medium sized globular formed variety. The skin is of a dark green; flesh thick, solid and of good flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Large Hackensack. A popular market variety of large size. Vines vigorous, very productive; flesh green, thick, sweet and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Montreal Market. Fruit of the largest size, often weighing 20 pounds; shape nearly round, flattened at the ends, deeply ribbed; flesh very thick and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Newport. An early green fleshed variety, almost round in shape. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Pineapple. Medium size, oval, heavily netted, thick green flesh. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Princess. Nearly round, heavily netted, skin dark green. The flesh is of a deep salmon color; ripens early and grows to a good size. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Skillman's Netted Gem. In form roundish oval; flesh a rich deep green, very sweet and fine grained; grown extensively for early market. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



May's Netted Gem.

Surprise. An old standard variety. Vines hardy and productive; skin yellowish white; flesh deep salmon color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Texas Cannon Ball. Claimed to be one of the best shipping melons ever introduced. In shape it is almost round and heavily netted; the flesh is light green and wonderfully sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Tip Top. The flesh is a rich yellow, thick, very sweet and juicy. It is a thoroughly good melon. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

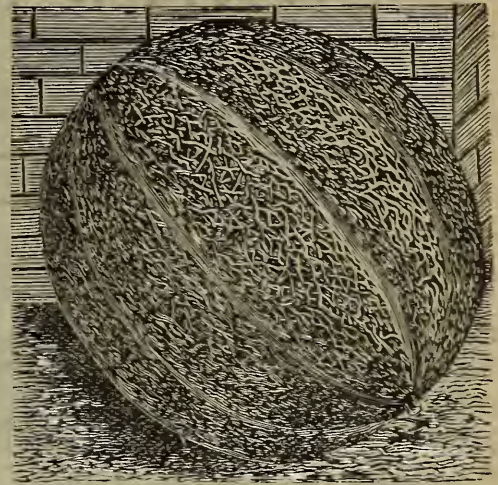
Triumph Hybrid. This must not be confounded with Golden Triumph, for they are entirely distinct. The Triumph Hybrid is a cross between Columbus and Osage, combining all the good qualities of these two excellent melons, and is a very superior melon. The beautiful orange flesh is thick and luscious; ripens clear to the rind. The melons are medium to large size and beautifully netted. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Japan. A favorite. The outside skin is very light colored and smooth; flesh light green, musky flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

May's Netted Gem. (See cut.) A favorite everywhere. They ripen extra early, and grow to an average weight of one and a quarter pounds. The flesh is thick, sweet, juicy, fine grained and of a light green color. Skin a deep green, and heavily ribbed and netted. As a rule the melons are almost solid, and will keep for nearly a week after picking. The seed we offer is carefully selected, and will give perfect satisfaction. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Winter Pineapple. The longest keeping, finest flavored melon in the world. A most valuable variety which originally came from the Sandwich Islands. The melons are almost solid, as shown in our illustration, and will weigh about twice as much as any other variety of the same size. The wonderful fragrance and delicious pineapple flavor make it the finest of all melons for either private or market purposes. Unlike all other kinds it does not ripen on the vine, but should be picked before hard frost and placed in a cool cellar, where it will keep solid for months. When wanted for use bring to a warm room, where they will ripen in a few days. Pkt. 10c, 3 pkts. 25c.

John Wildenger, Adrian, Mich., says: "Winter Pineapple is the handsomest melon I ever saw. We put one in a warm room and in a week it was ready to eat, and the most delightful melon I ever tasted."



Minnesota Perfection.



WATER MELONS.

GERMAN—Wasser-Melone. FRENCH—Melon d'Eau. SPANISH—Sandia. SWEDISH—Vatten-Melon.

One ounce of seed for 30 hills; 4 to 5 lbs., in hills, for 1 acre.

CULTURE—These require a rich, but rather sandy soil for the best results, and give the largest returns in warm latitudes, although of late years they are being extensively grown in the middle and northern states for home markets. Give the same care as musk melons, but have the hills at least double the distance apart.

Price quoted on Water Melon seed includes the prepayment of postage by us.

Black Diamond. For description see list of specialties.

Black Spanish. Solid, very thin rind, flesh scarlet, sweet and luscious. A profitable variety for the market gardener. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Boss. Oblong. Skin dark green, flesh deep scarlet of very superior quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Christmas. An old standard variety of fine appearance and flavor; a good keeping sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Safeguard. (See cut.) The earliest large variety ever introduced. Without doubt the best melon for early marketing. For yield and earliness combined, no variety we have ever grown can equal Safeguard. It is not so productive as our Ice King, but on account of its earliness is a much better variety for gardeners who grow for the early markets. In addition to its earliness and yield, the tough skin enables it to withstand almost any amount of rough handling. Our illustration is a correct representation of this splendid melon and shows the depth of the skin, which is not thick, but exceedingly tough. The flesh is a rich pink, crisp, tender and very sweet. For home use it is a most desirable variety, as it will furnish melons earlier in the season than any other sort. You will make a mistake if you do not give it a place in your garden this year. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Colorado Preserving. Grows to a large size, flesh very firm and solid, with a small proportion of seed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Cole's Early. Medium size, flesh a deep red, very sweet and tender; the rind is thin and brittle; vines continue to bear until killed by frost. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Cuban Queen. Grows to a large size, oval in shape, skin marked regularly, flesh crisp, juicy and sugary. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Dixie. Excellent quality, very large and solid, flesh red, intermediate. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Duke Jones. (See cut.) Very large, dark green, flesh solid, deep red. A good shipper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Florida Favorite. A splendid oblong melon ten days earlier than Kolb's Gem, flesh red, of fine flavor and quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Georgia Rattlesnake. Standard Southern variety, oblong, flesh scarlet, crisp and juicy. A good shipper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Gray Monarch. Very large, long, flesh crimson, of delicious flavor. A fine shipper and always brings a high price. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Green and Gold. Golden orange fleshed, of good size (30 to 40 lbs.), very productive, rind very thin—about $\frac{1}{4}$ inch, flesh juicy, sweet, and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Hungarian Honey. Round, skin of a dark green color, flesh brilliant red, fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Ice Cream. The best for general crop. Few, if any, can surpass it; medium early fruit, oblong, large size, rind light mottled green, flesh bright scarlet, solid to the center, melting and delicious. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

May's Ice King. (See cut.) The best-flavored variety of the melon family; the melon for all sections, a good shipper and most productive melon ever offered. Grows to a good size; skin not thick, but very tough and will stand almost any amount of rough usage; the meat is a rich scarlet, sweet and juicy. We offer selected seed of this variety. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Icing, Dark. Round, solid, thin rind, very delicious in flavor; not desirable for shipping. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Icing, Light. Round in form like the above; flesh of fine quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Iron-Clad Mammoth. A good melon for all purposes; large size, flesh red. Good shipper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Jones' Jumbo. A large melon, very productive. Most desirable for gardeners. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Kleckly Sweet. For description see specialties.

Kolb's Gem. Very large, flesh red; popular in the South. A good shipping sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Mountain Sprout. Oval, large sort, flesh scarlet, crisp and a good keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Mountain Sweet. An old and reliable sort, flesh red. Of extra fine quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Phinney's Early. Extra early, medium size, oval, very productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

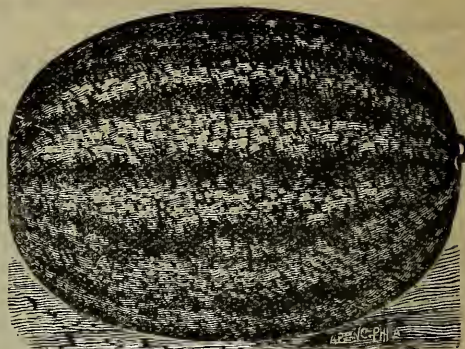
Pride of Georgia. Dark green in color, oval in shape, and ridged like an orange. Crisp and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Scaly Bark. Very large, dark green, light crimson flesh of good color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Seminole. Oblong and nicely proportioned. Early and productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Vick's Early. Long, smooth, early sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Sweetheart. A new shipping melon of large size and fine quality, vines vigorous and productive; very early. Fruit large, oval, very heavy, solid, tender, melting and sweet. Remains in condition longer than many other sorts. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



Duke Jones.



SAFEGUARD
"THE EARLIEST"
WATERMELON.



MUSHROOM SPAWN.

GERMAN—Champignonbrut.
SWEDISH—Championjon.

FRENCH—Blanc de Champignon.
SPANISH—Seta.

Mushrooms may be grown in cellars, under benches of green-houses, or in sheds, wherever the temperature of 50 or 60 degrees can be kept up through the winter. The bed should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep and any length desired, are the proper proportions for a bed; these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter, fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to a depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

English. The best. Per lb. 25c. Write for price on large quantities.

GERMAN—Senf.
SWEDISH—Senap.

MUSTARD.

FRENCH—Moutarde.
SPANISH—Mostaza.

A small pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed sow in April in rows 1 foot apart, and thin out to 3 inches apart, when 2 inches high.

Black or Brown. More pungent than the white. Pkt. 5c, oz. 10c, lb. 40c.

White or Yellow. Desirable for salads and flavoring. Pkt. 5c, oz. 10c, lb. 40c.

Southern Curled. This variety is very highly esteemed in the South. Plants grow to a height of about two feet and form immense bunches. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

GERMAN—Nasturtium.
SPANISH—Maraneula.

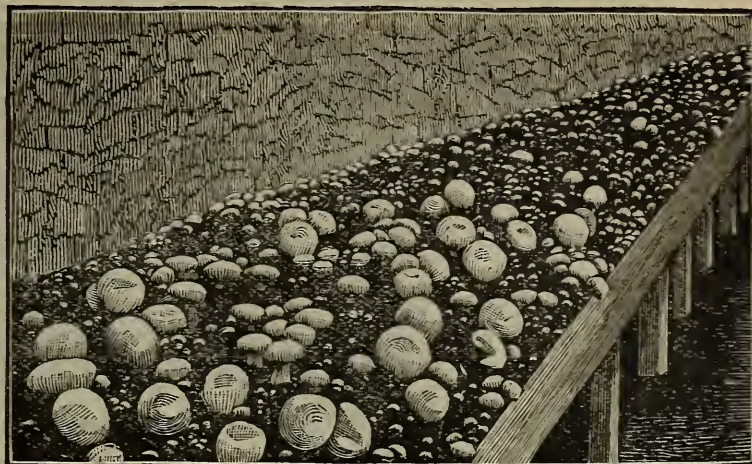
NASTURTIUM.

FRENCH—
Capucine.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when any danger of frost is over; train the Tall on brush, trellises, or fences, and grow the Dwarf in beds.

Tall Mixed. Pkt. 5c, oz. 10, ¼ lb. 25c, lb. 90c.

Dwarf Mixed. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.



GERMAN—Safran.
SPANISH—Quibombo.

OKRA.

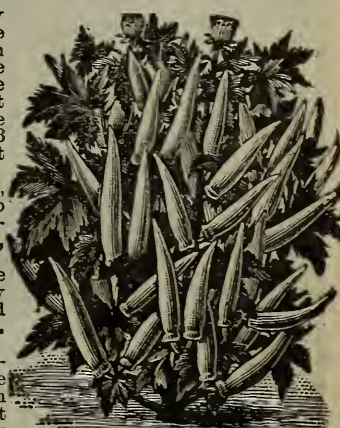
FRENCH—Gombaud.

A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

Tall Green. Long, slender pods, light colored, keep edible a long time and are very tender. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Dwarf Green. A very desirable sort, as it is very productive and free from hard ridges. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Velvet Pod. It is distinct in appearance, and the pods are perfectly round, smooth and of an attractive white velvet appearance, and of superior flavor and tenderness. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Velvet Pod.

HOW TO RAISE ONIONS SUCCESSFULLY.

The Onion is not only valuable as a medicine, but has considerable nutritive properties; parsley will in a great measure do away with the unpleasant odor imparted to the breath.

Preparation. Remove all refuse of previous crops in time to complete the work before the ground freezes up, and spread the composted manure evenly, at the rate of about fifty cart-loads to the acre. This should first be cultivated in, and then the ground ploughed a moderate depth, taking a narrow furrow, in order to thoroughly mix the manure with the soil. Carefully avoid tramping on the ground during the winter. Cultivate or thoroughly drag the soil with a heavy harrow as early in the spring as it can be worked, and then in the opposite direction, with a light one, after which the entire surface should be raked with steel hand rakes. It is impossible to cultivate the crop economically unless the rows are perfectly straight; to secure this, stretch a line along one side, fourteen feet from the edge, and make a distinct mark along it; then, having made a wooden marker, something like a giant rake with five teeth about a foot long and standing fourteen inches apart, make four more marks by carefully drawing it with the outside tooth in, and the head at right angles to the perfectly straight mark made by the line. Continue to work around this line until on the third passage of the marker you reach the side of the field where you began; measure fifteen feet two inches from the last row, stretch the line again, and mark around in the same way. This is better than to stretch a line along one side, as it is impossible to prevent the rows gradually becoming crooked, and by this plan we straighten them after every third passage of the marker.

Sowing the Seed. This should be done as soon as the ground can be gotten ready, and can be done best by a hand seed drill. This should be carefully adjusted to sow the desired quantity of seed and about one-half inch deep. The quantity needed will vary with the soil, the seed used, and the kind of onions desired. Thin sowing gives much larger onions than thick. Four or five pounds, per acre, is the usual quantity needed to grow large onions. We use a drill with a roller attached, but if the drill has none, the ground should be well rolled with a hand roller immediately after the seed is planted.

Cultivation. Give the onions the first hoeing, just skimming the ground between the rows, as soon as they can be seen the length of the row. Hoe again in a few days, this time close up to the plants, after which weeding must be continued. This operation requires to be carefully and thoroughly done. The weeder must work on his knees astride of the row, stirring the earth around the plants, in order to destroy any weeds that have just started. At

this weeding or the next, according to the size of the plants, the rows should be thinned, leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last, and two weeks later, give them still another hoeing and if necessary another weeding. If the work has been thoroughly done at the proper time, the crop will not require further care until ready to gather.

Manuring. There is no crop where a liberal use of manure is more essential than in this. If it is too rank, it is quite sure to make soft onions, with many scallions. It should be of the best quality, well fermented and shoveled over, at least twice during the previous summer to kill weed seeds. Of the commercial manures, we prefer fine ground bone to any other, but large crops are raised by the use of superphosphates. In some cases, particularly with mucky soils, nothing will do so much good as a liberal dressing of unbleached wood ashes or some form of commercial fertilizer rich in potash.

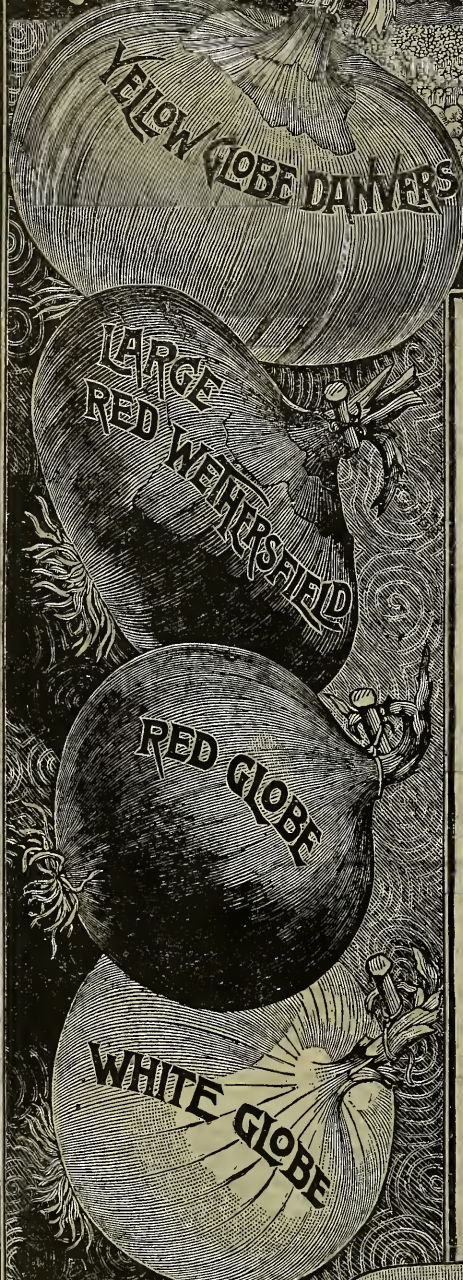
Gathering. As soon as the tops die and fall, the bulbs should be gathered into windrows. If the weather is fine they will need no attention while curing, but if it is not, they will need to be stirred by simply moving them slightly along the row. Cut off the tops when perfectly dry, about half an inch from the bulb; and then after a few days of bright weather the onions will be fit to store for the winter.

Onions may be kept in fine condition through the winter by spreading straw to the depth of about 18 inches on the floor of a barn or shed, and on this spread the onions to the depth of about a foot and cover them with about two feet of straw.

The Soil. A crop of onions can be grown on any soil which will produce a full crop of corn, but on a stiff clay, very light sand or gravel, or certain varieties of muck or swamp lands, neither a large nor a very profitable crop can be grown. We prefer a rich, sandy loam, with a light mixture of clay; this is much better if it has been cultivated with hoed crops, kept clean of weeds and well manured for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the onions soft. The same result will follow if we sow on rank, mucky ground or that which is too wet.

For varieties and prices, see pages 36 and 37.

AMERICAN ONION SEED



Crop of 1900.



1 ounce for 100 feet of drill. 5 or 6 pounds in drills to the acre.

Prices quoted on onion seed in packets, ounces, ¼ pounds or pounds includes the prepayment of postage by us. By express means purchaser pays the transportation charges.

Notice. It will pay you to sow NORTHERN GROWN SEED. It is acknowledged superior to seed grown in any other section. It will produce more first-class onions to the acre than other seed. The onions are more uniform in size and of a better quality. The onions will keep longer without sprouting or becoming soft. It's worth three times as much as Eastern, Southern or Western seed.

May's Selected Red Wethersfield. (See cut.) We confidently recommend our strain of this favorite onion as the very best ever offered the gardeners of America, and believe we are fully justified in making this claim. It grows with unusual regularity, and yields of over 1,000 bushels per acre have been reported to us from various sections. Onions weighing from one to two pounds each are frequently grown from our selected strain in one season from seed. While not so early as Red Wonder, it is of a larger size and therefore more extensively grown by gardeners who ship to distant markets. The flesh is a pure white, fine grained and of good flavor; skin purplish red. **OUR SELECTED STRAIN OF RED WETHERSFIELD IS WORTH TWICE AS MUCH AS THAT USUALLY SOLD BY OTHER SEEDSMEN, AND NO GARDENER CAN AFFORD TO BE WITHOUT IT.** Pkt. 5c, oz. 10c, ¼ lb. 35c, ½ lb. 60c, lb. \$1.00. By express or freight we will send at your expense selected Red Wethersfield Onion seed at 90c per pound in lots of not less than 5 pounds.

White Portugal or American Silver Skin. (See cut.) One of the most desirable large, white, flat-shaped varieties. It is of mild flavor, fine grained, and an excellent sort for early winter use. Also largely grown for pickling purposes when young. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$2.00; by express in 5 lb. lots, \$1.85 per lb.

Yellow Globe Danvers. (See cut—selected.) This, Red Wethersfield and Red Wonder are the three onions for market gardeners. Large size, globe shaped, small neck, fine flavor, mild and early; in fact, about all that is required to make a first-class onion for either home or market use. Our seed is carefully saved from selected bulbs and is of the highest germinating quality. Crops of 700 and 800 bushels per acre are frequently raised from the seed. Pkt. 5c, oz. 10c, ¼ lb. 35c, ½ lb. 55c, lb. \$1.00; by express in 5 lb. lots, 90c per lb.

Red Globe (Southport). (See cut.) This strain of Red Globe onion which we offer is far superior to that usually sold at the present time, as it produces splendid, globe-shaped bulbs of handsome appearance and the best keeping qualities. There is probably no other red variety which commands a higher price on the market, as its rich, purplish, crimson color makes it exceedingly attractive. The flesh is solid, fine grained, mild and tender. In addition to being a most beautiful onion it matures early in the season, which is a decided advantage to market gardeners. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.75; by express in 5 lb. lots, \$1.65 per lb.

Large White Globe. (See cut.) This strain is thoroughly first-class in every particular and will produce handsome, globe-shaped, white bulbs that are solid and of splendid quality. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.25; by express in 5 lb. lots, \$2.15 per lb.

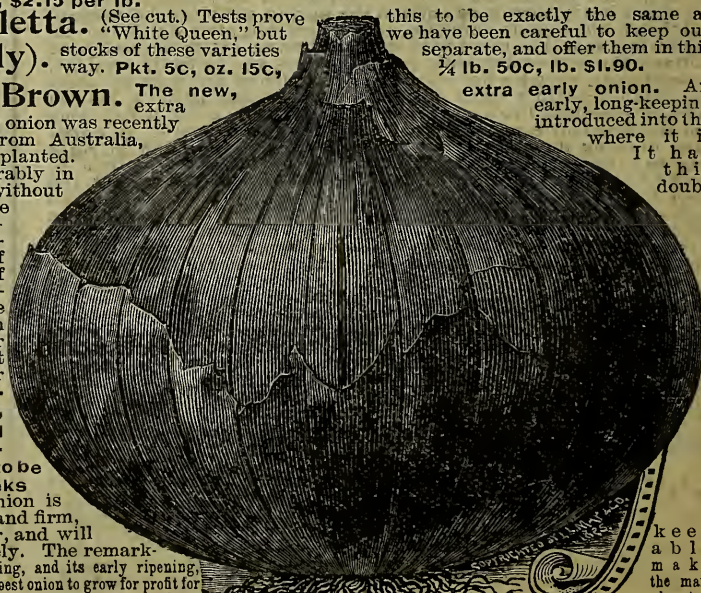
White Barletta. (See cut.) Tests prove "White Queen," but stocks of these varieties way. Pkt. 5c, oz. 15c, (Extra Early).

Australian Brown. The new, extra

onion. This new onion was recently introduced into the United States from Australia, the only variety planted. It succeeded admirably in our country, and is without the most valuable variety introduced for a generation. It is of medium size, of an almost globular form, and the color of the skin is a deep amber brown, distinct from all other onions. It is extremely early, and planted with Wethersfield it proved to be nearly four weeks earlier. This onion is extremely hard and firm, and of fine flavor, and will almost indefinitely. The remarkable character of long-keeping, and its early ripening, Australian Brown the best onion to grow for profit for the market gardener, and it is equally valuable for the private grower. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50; by express in 5 lb. lots, \$1.40 per lb.

this to be exactly the same as we have been careful to keep our separate, and offer them in this ¼ lb. 50c, lb. \$1.90.

extra early onion. An early, long-keeping introduced into the where it is. It has this doubt



Australian Brown.

EXTRA EARLY
BARLETTA

BEST FOR
PICKLING

keep
able
make
the
mar-
planter



THE EARLIEST AND BEST RED ONION FOR AMERICA. The handsomest, finest flavored, earliest and most profitable red variety that can be grown. It cannot be too highly recommended for the Middle and Northern states. For some years past we have experimented with all the different varieties of red onions for early use, and now offer a carefully-selected and improved strain that by actual tests has proven to be from ten days to two weeks ahead of Red Wethersfield. This alone will at once recommend it to the large growers, but in addition to this valuable point there are many others, such as fine shape, good flavor and wonderful keeping qualities. These will immediately stamp it as the coming red onion for all sections of the country. We believe it will soon take the place of Wethersfield, Red Globe and all other kinds of its color as soon as once tested by those growing the old varieties. **EVERY GARDENER WHO GROWS ONIONS SHOULD TRY RED WONDER.** Pkt. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.00. By express, in 5 lb. lots, \$1.80 per lb.

Prices quoted on onion seed in packets, ounces or $\frac{1}{4}$ pounds includes the prepayment of postage. By express or freight the purchaser pays the transportation charges.

A SELECT LIST OF STANDARD SORTS.

RED SORTS:

- Wethersfield.** Large. For description see page 36. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.00. By express, in 5 lb. lots, 90c per lb.
- Red Flat.** Extra early. Deep red, mild flavor, medium size. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.00. By express, in 5 lb. lots, 90c per lb.
- Red Bermuda.** Flat, flesh white, of good quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, lb. \$2.00.
- Red Tripoli.** Skin thick, flesh white, very tender. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, lb. \$2.00.

YELLOW SORTS.

- May's New Imperial.** For description see list of specialties. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. 90c, lb. \$3.00.
- Prize-Taker.** A globe-shaped variety. Skin of a bright straw color; flesh white, sweet, tender and very mild. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 45c, lb. \$1.65. By express, in 5 lb. lots, \$1.50 per lb.
- Spanish King.** Immense size, globe shaped, good keeper. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.65. By express, in 5 lb. lots, \$1.50 per lb.
- May's Sultan.** Color bright yellow; globe shaped. Good keeper. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 75c, lb. \$2.85.
- Yellow Danvers, Flat.** A good onion for home or market use. A trifle flatter than the Yellow Globe Danvers. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.
- Yellow Strasburg.** One of the oldest flat varieties. Flesh, white, fine grained and of mild flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 40c, lb. \$1.35. By express, in 5 lb. lots, \$1.25 per lb.

WHITE SORTS.

- Philadelphia Silver Skin.** A good-sized, white onion, extensively grown for white sets. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 65c, lb. \$2.00. By express, in 5 lb. lots, \$1.85 per lb.
- White Portugal.** For description see page 36. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00. By express, in 5 lb. lots, \$1.85 per lb.
- White Globe.** For description see page 36. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.
- White Barletta.** For description see page 36. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.90. By express, in 5 lb. lots, \$1.80 per lb.
- White Pearl.** Extra early. The earliest of all white onions; grows to an immense size. Flesh white and of mild flavor. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.
- White Queen.** One of the best pickling sorts. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.
- White Tripoli.** Large size, mild and of excellent flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.
- White Bermuda.** Mild-flavored. Color white, otherwise same as Red Bermuda. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$2.30.
- Paris Pickling.** For early bunching, pickling or sets. The onions are of small size, solid, and of mild flavor. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

White Spanish. An old standard variety. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.

Mammoth Silver King. A large flat variety, averaging 6 to 8 inches in diameter. Skin silvery white and of mild flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.85. By express, in 5 lb. lots, \$1.65 per lb.

Onion Sets. Onion sets should be planted out as soon as ground is in condition to work, early in the spring. They should be planted in rows one foot apart with sets 3 to 4 inches apart in the row. Notice—

Prices by the bushel are subject to fluctuation of the market, but the prices quoted on qts., postpaid, will hold good throughout the season, or as long as our stock allows.

White Bottom.

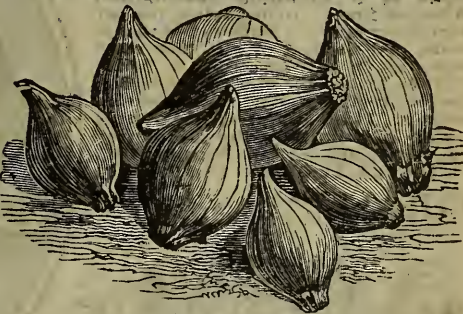
Pt. 20c, qt. 35c, postpaid; pk. \$1.00, bu. \$3.50.

Red Bottom.

Pt. 20c, qt. 35c, postpaid; pk. 85c, bu. \$3.00.

Yellow Bottom. Pt. 20c, qt. 35c, postpaid; pk. 85c, bu. \$3.00.

May's Perfect Pickling Onion. Without doubt the best of all the varieties for pickling purposes. It grows rapidly but remains small and is of the mildest possible flavor, making the most desirable of all onions for this purpose. The onion is white, slightly flattened and exceedingly handsome, making it valuable for bunching, to be sold at the market. It is free from the tough, coarse flesh so often found in small onions, and is of such a delicate flavor that it can be eaten raw with salt like radishes. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.



Onion Sets.





GERMAN—Erbesen.
FRENCH—Pois.

EXTRA EARLY VARIETIES.

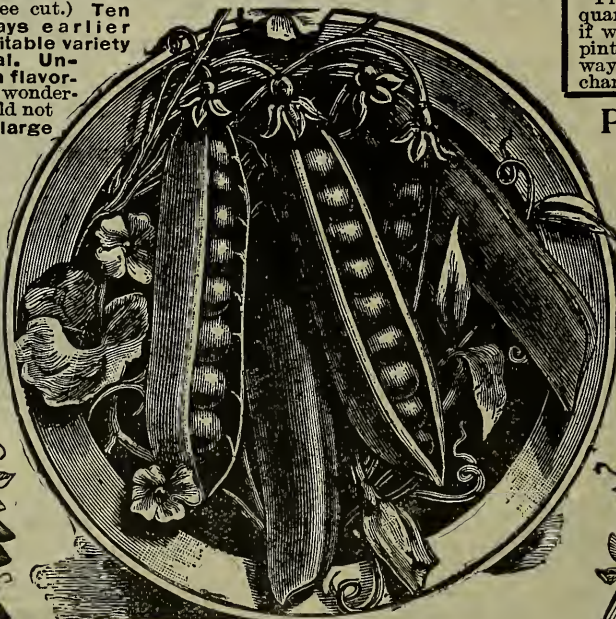
1 quart for 75 feet of drill. 2 to 3 bushels in drills to the acre.

SWEDISH—Arter.
SPANISH—Guizante.

CULTURE—For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure, very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of the earliest varieties on warm quick soil, prepared the fall before. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. The peas will mature earlier if covered only one inch deep, and where earliness is the most important thing, they may be treated in that way; but larger pods and more of them will be produced if the seed is planted in trenches three to six inches deep, covered with only one or two inches of soil, and when the plants are five to six inches high, filling the trench level with the surface; this will secure deep rooting, prevent mildew and prolong the bearing season. If the peas are covered to the full depth at first, or if water is allowed to stand in the trenches, they will not make a good stand of healthy plants. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing.

Northwest Premier. (See cut.) Ten days earlier than any other pea. The most profitable variety for market gardeners. Give it a trial. Unequaled in yield and unsurpassed in flavor. If you desire a variety of even growth, wonderful yield and the finest flavor, you should not fail to try the Premier. Thousands of large market gardeners prefer it to any other sort for early marketing; this alone is a splendid testimonial. When we first introduced this pea we were determined to perfect it so that it would take the lead of all other early peas; this we have succeeded in doing. It grows to a height of 20 to 30 inches, does not require staking, is an immense cropper. The genuine stock of this variety can only be procured from us. Pkt. 10c, 3 pkts. 25c, pt. 30c, qt. 50c, pk. \$1.25, bu. \$4.50.

Eclipse. For description, see list of specialties.



May's Midsummer.

May's Midsummer. (See cut—medium early.) For use during the middle of the season this variety is the one that should be planted by all gardeners. It grows to a height of about 18 inches and bears heavily about two or three weeks later than our Northwest Premier. The peas are wrinkled, very sugary and the pods are always well filled. It is about as near perfection for summer use as a pea can be. We are certain that all who try Midsummer will agree with us in saying that for general crop it is the finest pea that can be grown in the home garden for private use. Don't fail to try it this season if you wish the best second early pea ever offered. Pkt. 15c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.25.

Kentish Invicta. Very prolific; most desirable sort for table use. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.75.

First and Best. A vigorous grower, hardy and very productive; grows about 2½ feet high. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

Rural New Yorker. An extra early standard variety. Pkt. 5c, pt. 20c, qt. 35c, pk. 90c, bu. \$3.35.

Prices quoted on peas by the packet, pint or quart include the prepayment of postage by us; if wanted by express or freight, deduct 8c per pint or 15c per quart. Express or freight always means purchaser pays transportation charges.

Pride of the Market. (See cut—medium early.)

They require no sticks, and are quite unequalled in productiveness. They have a robust, free-branching habit, 18 to 20 inches high, and are immensely productive. They are, indeed, such heavy croppers, that we know of no peas from which so large a bulk of produce can be obtained from a given space. Pods are large in size and handsome in appearance, the peas of so splendid a quality that it would be difficult to overpraise them. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.25, bu. \$5.00.

Dexter. An extra early sort; grows to the height of 20 inches; an immense cropper. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.



Pride of the Market.



Kentish Invicta.

PEAS, EARLY DWARF—Continued.

Prices on Peas include the prepayment of postage by us. If wanted by express or freight deduct 8 cents per pint, 15 cents per quart. Express or freight always means purchaser pays transportation charges.

Gradus. (See cut.) A decided novelty in Peas and one that is certain to become a great favorite as soon as well known. The pods are of large size and resemble the Telephone in shape, always well filled with Peas of the finest flavor. It ripens very quickly and must be picked as soon as fit for use. The vines are of unusually vigorous habit, growing about three feet in height and bearing long straight pods a trifle round at the point. The seed peas are extra large, wrinkled and of a creamy color. This is the first of the new class of peas and highly recommended by J. H. Allan, one of the largest growers of peas in America. Pkt. 15c, pt. 35c, qt. 65c, pk. \$2.25, bu. \$8.00.

American Wonder. (See cut.) Until the introduction of Nott's Excelsior this was the earliest of all the wrinkled varieties. It is of dwarf habit, only growing about ten or twelve inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in June matured in thirty-three days; this is certainly a good record and one that can't be equaled by many varieties. The quick growing healthy habit of American Wonder has made it a great favorite for both market and home gardens. Our stock is selected with the greatest care. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.35, bu. \$5.25.

McLean's Blue Peter. Matures early, very rich, sweet and tender. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.20, bu. \$4.25.

Nott's Excelsior. Grows 15 inches high; claimed to be the best wrinkled sort ever introduced. The vines are strong in growth producing pods of large size. Trials in different sections show that it can be made to mature in 45 days from time of planting. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.40, bu. \$5.25.



Gradus.

McLean's Little Gem. The market gardener's favorite; peas very sweet. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.75.

Premium Gem. A popular sort; grows about 15 inches high; very productive; pods large, well filled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.75.

Improved Tom Thumb. Very dwarf in habit, grows to the height of 9 inches. The peas are small, white, round; very productive. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$5.00.

Alaska. (Extra early.) Undoubtedly one of the very earliest varieties that can be grown, and a great favorite with market gardeners. The vines are of strong, vigorous habit about 2 to 2½ feet in height, and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. The pods are of a dark green color, and the peas when ripe are rather small and of a bluish green shade. As it matures all the crop at one time, it is invaluable for large growers on account of the ease with which they may be gathered. We have carefully selected our stock of this variety, and believe it is the purest strain that can be procured. Pkt. 5c, pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.50.

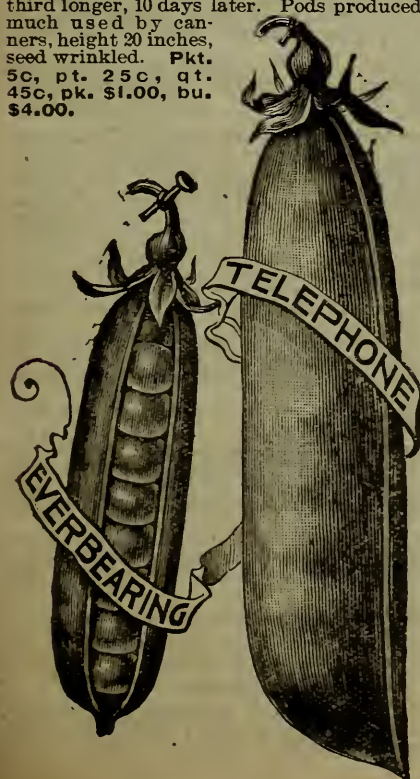
PEAS, MEDIUM AND LATE, HALF DWARF.

Abundance. Vigorous in growth, producing pods in great abundance, hence its name; seed wrinkled; height 20 inches. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$4.00.

Fill Basket. Hardy, prolific, upright and branching in habit, dark green foliage, pods well filled with medium sized peas, height 2½ feet, seeds small, round, green. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

Heroine. Elegant habit of growth, pods remarkably long, slightly curved, well filled, and of fine flavor, height 2 feet, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

Horsford's Market Garden. Resembling in growth the Premium Gem, one third longer, 10 days later. Pods produced in pairs in great profusion, much used by canners, height 20 inches, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$4.00.



Advancer. A great favorite and largely used by market gardeners; pods large, well filled, borne at the top of the stalk; very vigorous in growth; height 2 feet; seed green, wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$3.75.

Sharpe's Queen. One of the most desirable of the late varieties, of vigorous, branching habit, pods long, slightly curved, well filled with peas of fine flavor, very productive, height 2½ feet, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$5.00.

Yorkshire Hero. As thoroughly well known as any pea of merit. It grows from 25 to 30 inches in height, bearing its pods well up at the top of the vines; a favorite with market gardeners. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.00, bu. \$4.00.

Black Eye Marrowfat. Similar to White Marrowfat, excepting the matured seed having a distinct black eye. Pkt. 5c, pt. 25c, qt. 40c, pk. 75c, bu. \$2.50.

Champion of England. An old and favorite sort, hardy and productive, producing large tender pods; height 4 feet, seed wrinkled. Pkt. 5c, pt. 25c, qt. 45c, pk. 90c, bu. \$3.50.

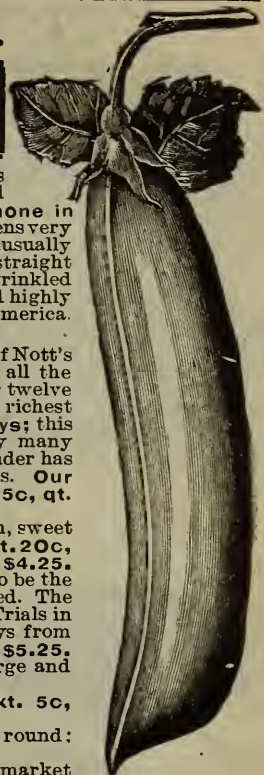
Long Island Mammoth. Very popular with market gardeners, who want a large handsome pod of deep green color; height 3 feet. Pkt. 5c, pt. 20c, qt. 45c, pk. \$1.25, bu. \$5.00.

Tall White Marrowfat. Hardy, strong and vigorous; broad, thick, pods, borne near the top of the vine; the seeds are large, smooth, round. Pkt. 5c, pt. 25c, qt. 45c, pk. 75c, bu. \$2.50.

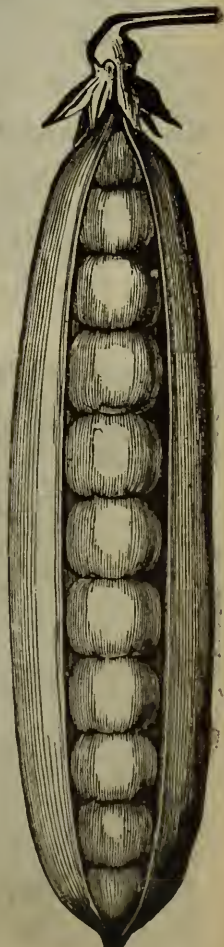
Prince of Wales. (See cut.) A long, well known, standard and popular sort; hardy, vigorous and upright in habit; pods produced abundantly in pairs near the top of the vine; flavor of peas first quality, which is true of nearly all white wrinkled varieties; height 2½ feet; seed white, flat, wrinkled. Pkt. 10c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

Telephone. (See cut.) Valuable for general crop and late use. The vines are of vigorous growth, usually attaining a height of about 4 feet, and averaging from 18 to 20 pods to a stalk. The pods are always of extra large size packed very closely with mammoth peas of the most delicious flavor. We consider it one of the most desirable sorts that has ever been introduced for the home garden, on account of its enormous yield and excellent quality. Pkt. 5c, pt. 25c, qt. 45c, pk. \$1.25, bu. \$4.50.

Everbearing. (See cut.) A variety that is desirable for main crop or late use. The vines are of healthy habit, about 18 inches in height, bearing at the top from 6 to 9 pods. The peas are wrinkled, extra large and of the finest quality. It may truly be termed everbearing, as it continues to produce peas in great profusion for several weeks, and is therefore exceedingly desirable for home use. Pkt. 5c, pt. 20c, qt. 40c, pk. \$1.00, bu. \$3.75.

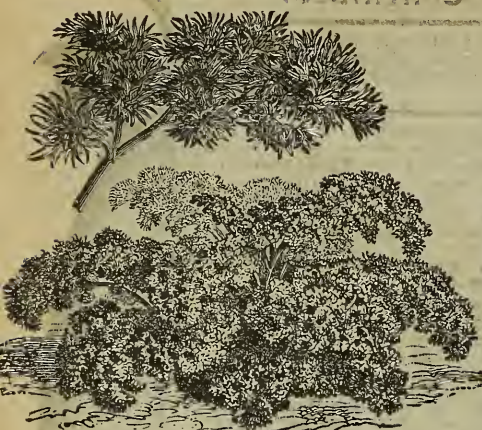


American Wonder.



Prince of Wales.

Peppers, Parsnips and Parsley.



Fern Leaf.

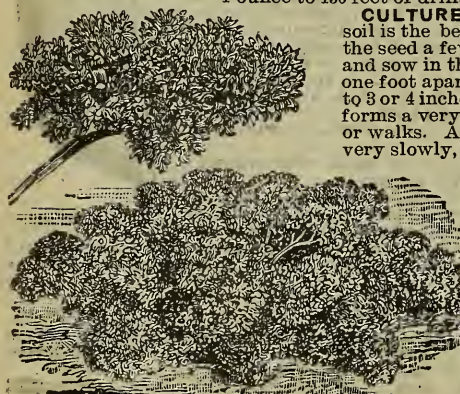
GERMAN—Petersilie.
FRENCH—Persil.

PARSLEY. SWEDISH—Persilja. Ruby King.

1 ounce to 150 feet of drill.

CULTURE—A rich, tolerably deep soil is the best for this crop. Soak the seed a few hours in tepid water and sow in the early spring in drills one foot apart. Thin out the plants to 3 or 4 inches apart. A single row forms a very good edging for beds or walks. As the seed germinates very slowly, sometimes two or three weeks will elapse before the plants make any appearance. We desire to call particular attention to our Extra Curled, which is a most desirable variety.

May's Extra Curled. A most desirable free growing variety of medium size, with handsome, bright, pale green leaves that are exceedingly showy. For garnishing and for decoration it surpasses any other varieties we have ever grown. Valuable for private gardens or for market use. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 75c.



May's Extra Curled Parsley.

May's Fern Leaved. A most valuable plant, both for table decoration and mixed with warf ornamental foliage plants in the flower garden. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 75c.

Champion Moss Curled. A very select stock; leaves are beautifully curled and crimped. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 75c.

Hamburg. A fleshy rooted sort; roots are used for flavoring soups. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 50c.

Plain Parsley. Hardier, and the leaves are longer and of a darker green than the Curled; better flavored for seasoning; valuable for feeding sheep. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 50c.

NOTE—Parsley is very useful for flavoring soups, stews, and for garnishing. Don't fail to try May's Extra Curled.

PARSNIPS.

GERMAN—Pastinake.
FRENCH—Panais.
SWEDISH—Palsternacka.
SPANISH—Pastinaca.

CULTURE—Parsnips give the best results when grown in a rich, deep, sandy soil, but will make fair progress on any soil which is rich, deep and porous. The mistake of having too much fresh manure is often made; this simply serves to force the growth, and frequently produces roots which are coarse and of rough shape. The seed germinates slowly and should be sown early in the spring in drills about 2 feet apart, covering about ½ inch deep. Thin out to 4 or 5 inches apart and hoe and cultivate often to keep down all weeds. In making up your list don't fail to include Magnum Bonum, the sweetest, smoothest and undoubtedly the finest flavored variety ever introduced.

Magnum Bonum.

A most excellent variety introduced from Europe. The roots are oblong and grow mostly below the surface. The flesh is simply delicious, being solid, tender and very sweet. If you want the best parsnip that can be secured, don't fail to try this variety. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 50c.

New Maltese. Long, smooth and white; fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 50c.

Large White Sugar. A splendid sort, excellent flavor, tender and sweet. One of the best varieties. Pkt. 5c, oz. 10c, ¼ lb. 15c, ½ lb. 45c.

Student. A half-long variety of fine flavor. Pkt. 5c, oz. 10c, ¼ lb. 15c, ½ lb. 45c.

Hollow Crown. Roots oblong, ending somewhat abruptly, with a small tap root; grows mostly below the surface; has a very smooth, clean skin and is easily distinguished by the leaves arising from a cavity on the top of crown of the root. Pkt. 5c, oz. 10c, ¼ lb. 15c, ½ lb. 45c.



GERMAN—Pfeffer.
FRENCH—Piment.

PEPPERS. SWEDISH—Peppar. SPANISH—Pimiento.

1 ounce of seed for 1,000 plants.

CULTURE—Seed may be sown in hotbeds or cold frame and transplanted about the middle of May in a sunny location in rows 18 inches to 2 feet apart. For later use sow seed in the open ground in the early summer after the weather has become settled and the earth warm, and transplant when the plants are about 4 inches in height. They prefer good, rich, mellow ground, and the earth should be well pulverized to the depth of 8 or 10 inches.

Large Bell, or Bull Nose. An old variety of large size, which is considered very fine for use in mixed pickles. The flesh is hard, thick, and less pungent than most varieties. Color glossy red. Pkt. 5c, oz. 20c, ¼ lb. 60c, ½ lb. \$2.00.

Sweet Mountain. Plants of upright, vigorous growth, and wonderfully productive. Fruit of large size, often measuring 8 or 10 inches in length by two or three in diameter. Smooth, handsome in appearance, being when unripe of a bright, deep green color, and when fully matured a rich, showy red. Flesh is solid, thick, sweet and very mild. Pkt. 10c, oz. 20c, ¼ lb. 65c, ½ lb. \$2.25.

Ruby King. An exceedingly handsome variety of enormous size, often measuring 6 inches in length and 9 inches in circumference. Unlike other kinds, as the flavor is very mild, it can be sliced and eaten with salt and vinegar like tomatoes and cucumbers. Pkt. 5c, oz. 20c, ¼ lb. 60c, ½ lb. \$2.00.

Golden Dawn. A new variety resembling the Large Bell in shape, but more delicate in flavor, and the color is a rich golden yellow. Pkt. 5c, oz. 20c, ¼ lb. 60c, ½ lb. \$2.00.

Procopp's Giant. This is indeed a Mammoth among the peppers. Many specimens have measured 8 and 9 inches in length and over 3 inches thick at the top. They are of bright scarlet color, flesh thick, crisp and sharp. Pkt. 10c, oz. 30c, ¼ lb. 75c, ½ lb. \$2.75.

Red Cluster. As the name indicates, it grows in bunches at the end of each branch. The thin peppers are of a brilliant coral red color and very hot in flavor. Pkt. 5c, oz. 30c, ¼ lb. \$1.00, ½ lb. \$3.00.

Cardinal. A new and distinct variety, growing from 6 to 7 inches in length, broad at the top and tapering to a point. Color a brilliant red. Flesh thick and sweet. Pkt. 5c, oz. 25c, ¼ lb. 75c, ½ lb. \$2.50.

Golden Queen. The best variety in cultivation. They grow from 8 to 10 inches in length, and are the handsomest and most productive of all the peppers. Color a bright golden yellow, and very mild in flavor, so that it can be sliced and eaten with salt and vinegar, like tomatoes and cucumbers. An excellent pepper and one that is taking the lead. Pkt. 10c, oz. 25c, ¼ lb. 75c, ½ lb. \$2.50.

Small Chili. Bright red; the best variety for pepper sauce. Pkt. 5c, oz. 25c, ¼ lb. 75c, ½ lb. \$2.50.

Long Red Cayenne. A long, slim pod, rather pointed, and when ripe of a bright red color. Extremely strong and pungent, and is the sort used for commercial purposes. Pkt. 5c, oz. 20c, ¼ lb. 60c, ½ lb. \$2.00.

Celestial. A new and valuable variety introduced from China. The peppers are a delicate yellow color until almost ripe and then change to an intense scarlet. Fine quality and a very sharp flavor. Pkt. 5c, oz. 25c, ¼ lb. 75c, ½ lb. \$2.50.

Oxheart. Small, heart-shaped pepper, fine for pickles. Pkt. 10c, oz. 25c, ¼ lb. 75c, ½ lb. \$2.50.





GERMAN—Kürbis.

FRENCH—Courge.

SWEDISH—Pumpa.

SPANISH—Calabaza.

CULTURE—Pumpkins may be planted in the middle of spring among corn or in the field or garden in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should be taken to avoid planting them near other vines. In growing the French Prize, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.

Prices quoted on Pumpkin seed include the prepayment of postage by us. If wanted by express, deduct 10c per pound.

French Prize. (See cut.) A giant variety introduced into this country from France. Just the variety to grow if you want to take the First Prize at your County or State Fair this coming season. It grows to an enormous size, single specimens having been known to weigh nearly 300 pounds. Although it attains such a large size, the flesh remains tender, thick and sweet. We have obtained our seed direct from large growers and are headquarters for it in America. Thousands of packets sold last season. Order early if you want to try this giant pumpkin. Pkt. 10c, oz. 25c.

Japanese Pie. (See cut.) This valuable variety comes to us from Japan, and has proven to be a decided acquisition, being particularly desirable for cooking purposes. It will make the finest "pumpkin pies" imaginable, as the flesh is very fine grained, thick, and of the most delicious flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 65c.

Tennessee Sweet Potato. (See cut.) The best variety for home gardens. As will be seen by illustration they are almost pear-shaped, growing to a large size; are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine grained and of a sweetish flavor. Vines are enormously productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

Large Cheese. (See cut.) Excellent flavor, flesh thick and of a yellow color; shape round and flattened like a cheese box. A good keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 55c.

Connecticut Field. (See cut.) A very productive old standard sort that is grown almost exclusively for stock feeding purposes. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Quaker Pie. (See cut.) As seen by our illustration, it is of a peculiar shape, being a trifle pointed or oval shaped at each end. The skin and flesh are a creamy yellow color. For making pies it is especially desirable, the flesh being fine grained and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Sugar. (See cut.) Although many varieties have been introduced in the past few years, there is none that is more popular for general use. It grows to an average weight of 5 pounds. Yields enormously, ground being literally covered with the golden fruit. It is not only very desirable for table use, but in many sections extensively grown for stock feeding, as tests have proven that when fed to cows it increases and greatly enriches the quality of milk. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 60c.

May's "King of the Field." (See cut.) This is a greatly improved field variety which is particularly desirable for stock feeding. It attains a good size, the flesh is fine grained, a rich yellow and of splendid quality. It is a wonderfully productive sort, our selected seed giving about fifty per cent larger yield per acre than any other stock feeding pumpkin we have ever grown. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 40c. By express or freight, 10 lbs. \$2.50, 25 lbs. for \$5.00.

Mammoth Red Etampes. (See cut.) A perfect giant, often growing to weigh from 100 to 150 pounds; thin, bright red, flesh thick and of fair quality for a pumpkin attaining such a size. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c.

Cashaw. Very popular in the Southern states. In shape it is long and with a crooked neck, color yellow. The flesh is very solid, fine grained and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 65c.

Golden Oblong. Orange skin, light yellow flesh; fine quality, good keeper. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

Kentucky Field. Very popular and productive; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, nutritious and of excellent quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Mammoth Tours. Very productive and of enormous size. Flesh thick and sugary; fine for table use. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 85c.

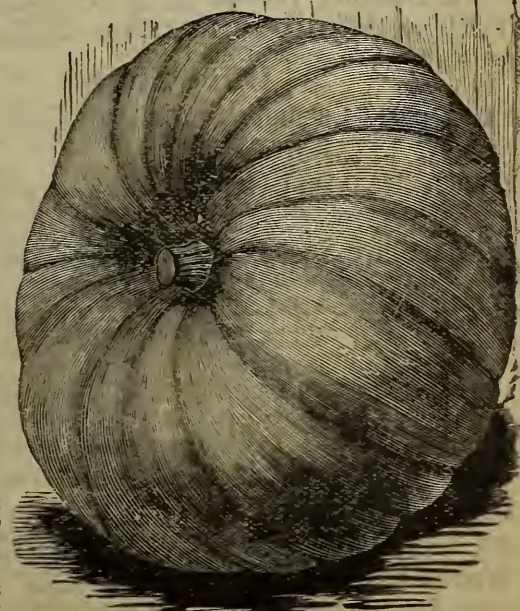
Nantucket Negro. Vines vigorous and very productive; skin a very dark green; flesh thick and of a rich orange color; they weigh from 12 to 15 pounds and will keep for a year. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

Calhoun. Outside color is of a creamy brown, inside flesh of a deep salmon yellow; flesh thick and fine grained; fine for making pies. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

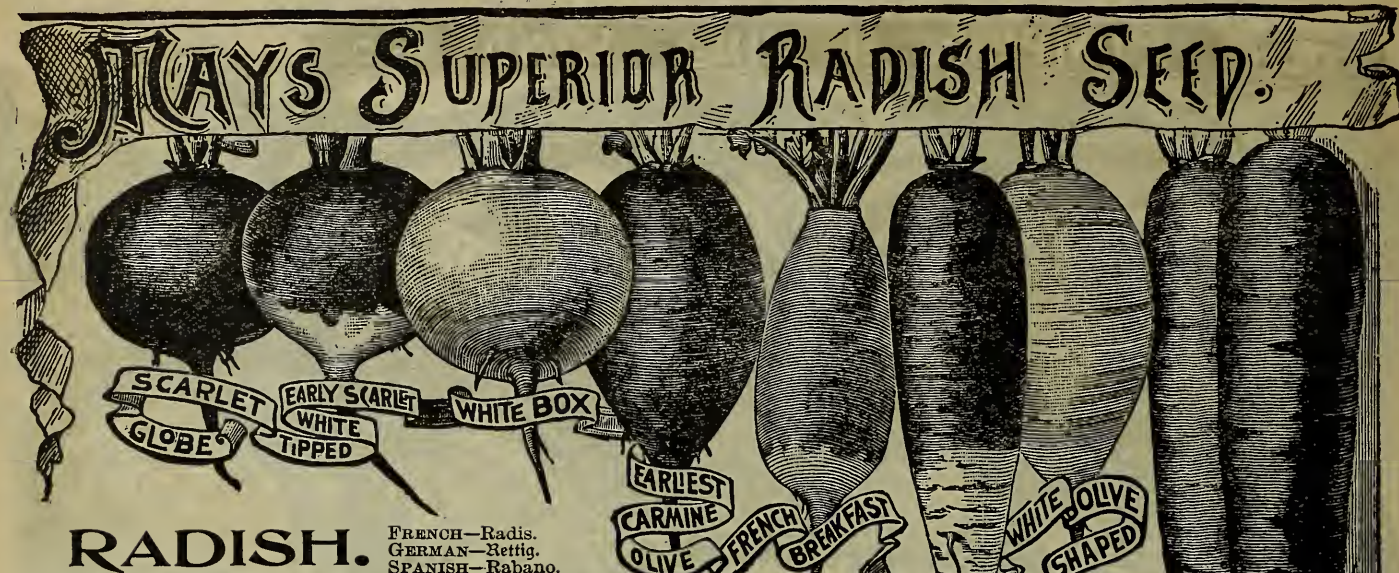
Mixed Pumpkins. For the benefit of our patrons who want a number of different varieties and do not care to expend very much money we have made up a large packet, including all of the most valuable varieties. It is an assortment of pumpkins that is certain to please you. Pkt. 10c, 3 pkts. 25c.



Mammoth Red Etampes.



King of the Field.



RADISH.

FRENCH—Radis.
GERMAN—Rettig.
SPANISH—Rabano.

The radish is cultivated for its root, which should be eaten when young and tender, as in maturing it becomes strong, tough and pithy. It should be sown for early use as soon as the ground can be well prepared, and for succession, at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two inches in the row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool shady place.

Prices quoted on radish includes the prepayment of postage by us.

Deep Scarlet (Forcing). Globed-shaped, early and very fine. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

Delicacy (Forcing). Extra early, semi-long, snow white. Smooth, crisp and tender. Pkt. 10c, oz. 20, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

Golden Globe. Early; of fine quality. A very rapid grower. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Non Plus Ultra (Forcing). Extra early, scarlet. Short leaved. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 75c.

Philadelphia White Box (Forcing). (See cut.) Particularly adapted for growing under glass. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 75c.

Queen of the Market (Forcing). The earliest turnip-shaped radish in the market. A rapid grower, being ready for use a week or 10 days ahead of the Early Scarlet Turnip and remains crisp and tender longer than any radish of its shape. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Rosy Queen (Forcing). The most beautiful radish ever offered. It is of a bright, deep red type, with a distinct white tip, valuable for private or early marketing. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

Scarlet Globe (Forcing). (See cut.) Roots are almost round, flesh solid, crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 75c.

Early Scarlet Turnip (Forcing). Very early, small, round. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Scarlet Turnip White Tip. (See cut.) Scarlet, with white tip. Fine for marketing. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

White Turnip. Flesh and skin pure white. Tender and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Summer Turnip. Root round, tender and crisp. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Yellow Summer Turnip. Similar to the above excepting color of skin. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Olive Shape.

Extra Early Carmine (Forcing) (See cut.) An excellent forcing variety; short leaved, deep scarlet. Olive shaped. Very tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

French Breakfast (Forcing). (See cut.) The market gardeners' favorite; color pink and white; crisp, tender, and a good keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Scarlet Olive Shape (Forcing). Shape oblong, skin scarlet, flesh pink, tender. Very fine. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Olive Shape. (See cut.) Flesh white, tender and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Long Red.

Chartier. (See cut.) The color at the top is a bright crimson, deepening to pink at the center and from thence downward it is a pure waxy white. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Cincinnati Market. For description see list of specialties.

Long Brightest Scarlet. For description see list of specialties.

Long Scarlet Short Top. The standard long variety for market and home gardens; root long, growing partly above ground; straight, smooth, rich scarlet. Very crisp and a quick grower. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Woods' Early Frame (Forcing). (See cut.) A splendid long radish of a bright scarlet color. The flesh is mild, tender, and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Long White.

Long White Naples. An early variety. Skin white; flesh fine grained, crisp and of good flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Strasburg. Grows to an immense size, and can be used at almost any stage of growth. The roots when fully matured often measure 5 inches long and over 2 inches in diameter, being crisp and tender and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Giant White Stuttgart. A favorite German radish of quick growth. Large size; shaped like a large top; flesh and skin white; fine quality, firm and brittle—never pithy. Can be stored for winter use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Lady-Finger. A long, slender, straight and smooth white radish, very popular for summer use. The flesh is white, tender and crisp and of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

WINTER SORTS.

Black Spanish, Long. The roots are oblong, of large size and all most black. One of the hardest that can be grown and valuable for winter use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

Black Spanish, Round. Same as Long Black Spanish except in shape. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 55c.

California White Mammoth. Root about a foot in length and three inches thick, tapering regularly to a point. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

China Rose. Also called Scarlet China Radish. This is without doubt the best winter variety in cultivation. A bright rose color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.



MONARCH RHUBARB

Victoria. Very large; later than the Linnaeus. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

GERMAN—Hafer-Wurzel.
FRENCH—Salsifis.

Sow as early as the ground can be worked in the spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

Mammoth Sandwich Island. (See cut.) A large and superior variety. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.25.



Golden Bronze. See specialties, page 26.

American Turban. Flesh rich orange color. Fine for winter use. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

Bay State. Flesh yellow, solid, fine grained. An excellent keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

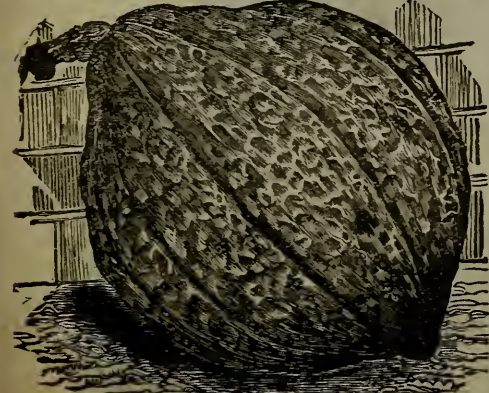
Boston Marrow. Salmon flesh; fine grained. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Butman. Skin bright green; flesh lemon color; smooth and fine grained. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

Crookneck Canada. A small, well known sort of excellent quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Delicata. Orange yellow, splashed and striped. Very solid and heavy. The Delicata is the earliest and most prolific. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Faxon. Medium size, very early; flesh orange color. Of fine quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Boston Marrow.

RHUBARB.

GERMAN—Rhubarber. SWEDISH—Rabarber.
FRENCH—Rhubarbe. SPANISH—Ruibarbo.

1 ounce will produce about 1,000 plants.

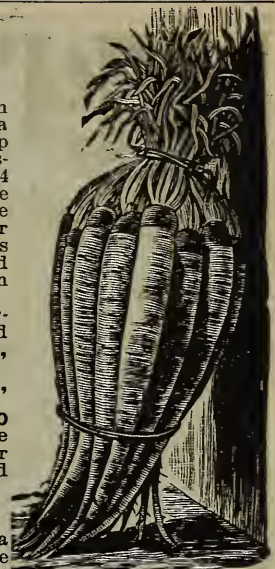
CULTURE—Rhubarb gives the best results when grown in deep, rich soil that has been worked to a depth of at least one foot. Sow in drills 1 inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way and give a dressing of coarse manure each spring. The stalk should not be plucked until the second year and the plant never allowed to exhaust itself by running to seed. As will be noticed, we offer carefully saved seed, and want to call particular attention to our Monarch Rhubarb, which is giving such splendid results.

Monarch. (See cut.) The largest, strongest growing and best flavored variety that has ever been introduced. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

Linnaeus. Large, tender and very fine. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

RHUBARB ROOTS. First-class roots at \$1.50 per dozen. They are large and will have to be sent by express, purchaser to pay transportation charges. No order accepted for less than one dozen.

SWEDISH—Bockskägg.
SPANISH—Ostra Vegetal.



SALSIFY, or Vegetable Oyster.

Sow as early as the ground can be worked in the spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

Mammoth Sandwich Island. (See cut.) A large and superior variety. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.25.

GERMAN—Spinat.
FRENCH—Espinard.

SPINACH.

SWEDISH—Spenat.
SPANISH—Espinaca.

1 ounce for 100 feet of drill; 10 pounds for one acre in drills.

CULTURE—Sow in early spring, in drills a foot apart, every two weeks for a succession, and as it grows thin out for use. Keep clear of weeds. Sow May's Perfection in hills 3 feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. For fall use sow in August all the other varieties, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather has become quite cold.

May's Perfection Curled. A splendid variety with large, thick, finely curled leaves which are produced in large numbers. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Curled Bloomsdale. Large, curled and wrinkled; leaves tender and of the finest flavor. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

Round Leaf. Produces large, thick, dark green leaves and possesses the valuable quality of standing our severe winters with little injury. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

Long Standing. (See cut.) The best for spring sowing. Leaves large and thick. Stands long before going to seed. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

Victoria. Heavy, broad green leaves of fine quality, two or three weeks later than the ordinary long standing. A good variety for spring sowing. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

Prickly Seeded. Vigorous and hardy and recommended for fall sowing. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

Viroflay. Grows to an immense size. Leaves thick and of good substance. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 35c.

SPECIAL PRICE—In ten pound lots or over we will supply spinach seed, any variety we list, at 20c per lb. by express or freight. Purchaser pays transportation charges.

SQUASH.

Summer Crookneck. A small crooknecked sort. Skin bright yellow. Very early and productive. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

White Bush Scalloped. Grown almost exclusively for first crop, as they ripen very early and are particularly desirable for early marketing. The skin and flesh are pure white. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Yellow Bush. Same as above, except in color. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Essex Hybrid. Early, of quick growth; very productive. Flesh fine grained and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Fordhook. Fine grain, meaty and of fine flavor. Can be used at any time of their growth. Skin very thin. Good keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Golden Hubbard. For description see specialties, page 26.

Hubbard. A general favorite of large size. Color bluish green; flesh dark yellow, fine grained, dry and sweet. Very productive. Will keep perfectly until spring. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Mammoth Chili. Largest of all squashes.

Round, flattened at the ends. Rind deep orange; flesh dark yellow, thick and nutritious. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Marblehead. Resembling the Hubbard, but has gray skin. A fine keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

Perfect Gem. A strong growing, heavy yielding variety. Fine for summer or winter use. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Pineapple. Peculiar shape; white skin and flesh fine. Late sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

Orange Marrow. One of the earliest and most productive. Color brilliant orange red. Cooking and keeping qualities make it popular with the consumer. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Sibley, or Pike's Peak. Popular late sort. Skin smooth, color pale green; flesh thick, solid, orange color, fine grained. Fine for shipping purposes. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

Vegetable Marrow. A favorite English sort. Flesh white, soft and of a rich flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.





A TOMATO THAT NO GARDENER SHOULD BE WITHOUT.

Prices quoted on Tomato seed include the prepayment of postage.

TOMATOES.

GERMAN—Fleischapfel. FRENCH—Tomate.
SPANISH—Tomate.

1 ounce for 1,500 plants. $\frac{1}{4}$ pound to transplant for 1 acre.

CULTURE—Sow in hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window, where one does not wish to have the trouble of making a hotbed. Transplant to the open ground when all danger of frost is past, setting the plants three or four feet apart each way. Some support should be provided for the vines, to keep the fruit from touching the ground; brush, hay or anything of the sort, will answer the purpose, or they may be tied to stakes. Fruit may be had several weeks earlier by sowing the seed quite early and transplanting to small pots; when these are filled with roots, shift to a larger size, and transplant to open ground when weather is warm and settled, shading from sun a day or two. As the roots are not disturbed in taking plants from the pots, the plants suffer no check, but grow right on. Our Extra Early Tree requires no support at all, and produces a most delicious tomato, solid and of the best flavor.

May's First of All. It has been tested with Atlantic Prize, Earliest of All, and nearly every known kind claiming earliness, and beats them all by a week or ten days. It is equally desirable for both market and home use on account of its rich color, and invariably brings the highest prices in the market. The tomatoes are of good size, smooth, solid and of the finest flavor. It is the only thoroughly first class extra early variety for general use we have ever found, and none of our patrons who desire an extra early tomato should fail to secure the **First of All**. We have thousands of testimonials regarding this tomato. Pkt. 10c, 3 pkts. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00.

Acme, the old standard variety (See cut.) Many gardeners in this vicinity will grow no other sort than this old standard tomato. It is a sure cropper and quite early for a tomato of its size. The color is a crimson tinted with a light pinkish shade. Flesh solid, fine grained and of good quality. It, like many others of the old sorts, is really very desirable for general use, and is therefore extensively grown by gardeners who feel that, while perhaps not quite so productive or early as some varieties, it can be depended upon for an average crop under ordinary circumstances. Our seed is selected. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 90c, 1 lb. \$1.75.

Mikado. (See cut.) One of the largest, most productive, most solid and best marketing tomatoes that has ever been introduced. The fruit, which often weighs $1\frac{1}{2}$ to 2 lbs. each, ripens early and is of the sweetest flavor. Color of tomatoes when fully ripened is a rich bright red. We heartily recommend it to all growers, and especially those who desire large tomatoes for market purposes. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$2.00.

Peach. (See cut.) This is a distinct and very attractive appearing tomato. Fruit resembles a peach in shape, size and color, and is covered with a delicate down, which makes the deception quite complete; flesh tender and of good flavor. Should find a place in every garden. Pkt. 15c, 2 pkts. 25c, oz. 35c.

Beauty. (See cut.) Of a very glowing crimson in color, with a slight tinge of purple. It attains its size later in the season than the Acme and other good sorts. It has yielded one-third more than the Acme. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 85c, 1 lb. \$1.65.

Perfection. (See cut.) Preferred by many to any other sort, and is extensively grown by gardeners who raise fruit for the canning factories. It is invariably smooth and of a handsome deep blood red color; flesh is thick, almost coreless. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 85c, 1 lb. \$1.65.





Atlantic Prize. A splendid extra early variety for general use, of large size, bright red color, smooth and productive. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Buckeye State. Fruit borne in immense clusters, solid and meaty, color similar to Beauty. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Champion Dwarf. Most distinct and valuable. Of dwarf stiff habit, scarcely needing any support; very early and prolific; color same as Acme; perfectly round, smooth and of medium size. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, lb. \$2.00.

Cherry Red. Fruit small size, round, smooth and solid, used for pickles and preserves. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Cherry Yellow. Same as Red Cherry excepting in color. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Crimson Cushion. For description see list of specialties.

Favorite. Large size, ripens evenly and early, very prolific, a good shipper. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Golden Queen. The best of the large yellow varieties. In size and smoothness it resembles Paragon. Good for table use or preserving. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, lb. \$2.00.

Minnesota Early. A standard early variety, skin smooth and of fine flavor. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Minnesota Queen. Extra early, ripened a little later than First of All this past year. Beautiful in shape and color; vines vigorous in growth, and very productive. The fruit is of good size, smooth, solid and of a deep rich red color. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.50.

New Imperial. Early, of large size, fruit round, smooth and of a bright red color. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

New Stone. (See cut.) Fruit large and deep, bright scarlet; smooth, ripening evenly to the stem without a crack; very solid and firm fleshed; of the finest quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Optimus. Fruit oval, medium size, smooth and of a bright crimson color, very productive. A good one for shipping purposes. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Ponderosa. Very large, of a rich bright crimson color and all solid meat; exceptionally free from seed. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

Paragon. A second early, large, bright crimson, smooth and solid and of fine quality. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Pear Shape Red. Fruit handsome and solid, fine for preserves. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Ruby Early. The earliest of the small size tomatoes, which combines good form, color and solidity and is certain to prove the leading market variety. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Smooth Red. Of a deep blood red color, flesh thick, almost coreless and contains very few seeds. One of the best varieties for general use. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Station. Fruit good size, solid and tender, with little or no core. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.50.

Extra Early Tree. (See cut.) This is the variety so extensively advertised and sold at 25c per packet. It is certainly a splendid tomato, and worthy of a place in any garden. Many large growers prefer it to any other sort on account of its earliness and quality. Another point that particularly recommends it is the fact that it requires no support even when laden with fruit, the stiff branches holding the tomatoes far above the ground.

We have the true seed stock, and can supply it much lower than it was offered last season. F. B. Stokes, Franklin, Tenn., says: "I've tried your Extra Early Tree Tomato the last two years and it is the finest I've ever grown or seen." J. E. Saukford, Toccoa, Ga., says: "Your Extra Early Tree Tomato is simply 'great.' It holds its fruit upright without any staking." Have you ever tried it? If you haven't, don't fail to do so this year. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

Trophy Selected. One of the old standard sorts. The fruit is very large, usually smooth, solid, of good flavor; color a deep rich red. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Volunteer. One of the earliest. Large size, round, very smooth and perfect in form; color bright red; quality superior for table use and canning. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Waldorf. For description see list of specialties.

Honor Bright. For description see list of specialties.

Husk or Strawberry. (See cut.) A distinct variety for canning, or preserving. The fruit, which is produced in husks is borne in great abundance and of a rich strawberry flavor. Remember, this is not the purple fruited sort which is scarcely edible. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.50.

Ignotum. One of the earliest of the large, deep red, smooth varieties; very prolific. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.

Lemon Blush. A strong, vigorous grower, producing fruit of good quality. The skin is of bright lemon yellow shade; ripens medium early, and can be depended upon to produce a good crop. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

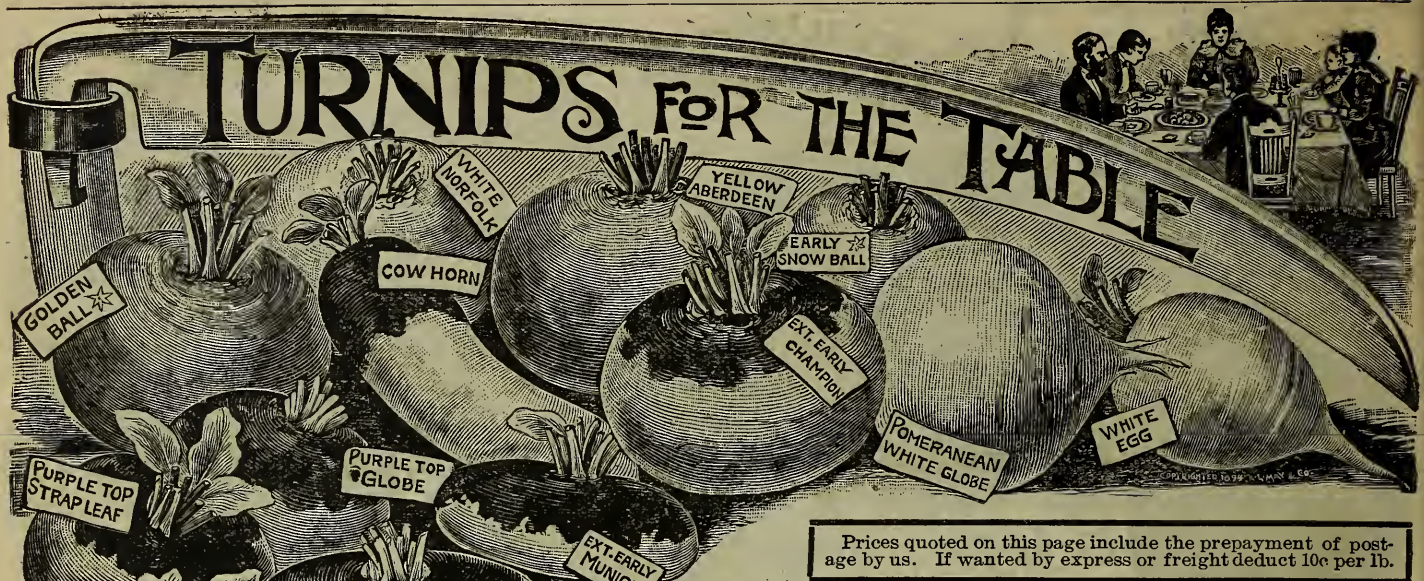
Lorillard. Best for greenhouse forcing; bright glossy red; very smooth. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

Mansfield Mammoth Tree. See list of specialties.

Matchless. A standard main crop, bright red variety, producing enormous crops of finest scarlet fruits. Tomatoes are very large, perfectly smooth, with fewer seeds than most other varieties. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25.

Prices quoted on tomatoes include the prepayment of postage by us.





Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight deduct 10c per lb.

TABLE TURNIPS---White Flesh Varieties.

GERMAN—Steckrübe. FRENCH—Navet. SWEDISH—Rofva. SPANISH—Nabo.
1 ounce to 150 feet of drill. $\frac{1}{4}$ pound to transplant for one acre.

CULTURE—Turnips do best in highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out to 6 or 8 inches in the rows. For a succession sow at intervals of a fortnight, until the last week in July, from which time to the end of August sowing may be made for the fall and main crops.

White Model. A beautiful medium size white variety of turnips that is desirable for table use. Flesh white, solid, fine grained and entirely free from the coarseness so often found in this class of vegetable. In shape it is rather more oval than round. We cannot too highly recommend it and hope none of our friends will fail to give it a trial this season. Take our word for it, it will please you. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.00.

Berlin, or Teltow. (See cut.) Small, spindle shaped variety that is largely grown for flavoring soups. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 60c.

Crystal White. (See cut.) The best variety ever introduced for table use. Flesh is solid, crisp, fine grained and sweet, and is almost round. In ordinary seasons it will mature in six weeks. If you wish a splendid table turnip, you will find the Crystal White all that can be desired. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.00.

Extra Early Champion. (See cut.) Without exception the finest flavored and best keeping extra early sort that can be secured for home gardens. Flesh pure white, solid, tender and sweet. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.00.

Extra Early Purple Top Milan. (See cut.) Flesh solid, white, fine grained and of the choicest quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 85c.

Extra Early Munich. (See cut.) This handsome turnip is distinct from any other sort, growing entirely above ground. Color pure white with a bright purplish red top. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Large Cow Horn. (See cut.) Of rapid growth, long, white; in shape resembling a cow's horn. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

Large White Norfolk. A standard field variety growing to an immense size and one of the best for stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

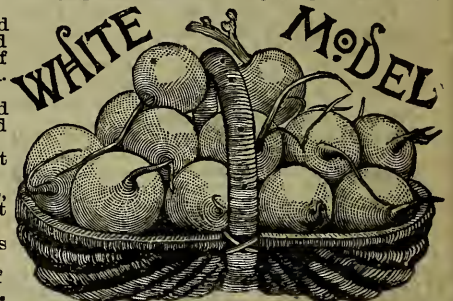
Perfection White. (See cut.) The best white turnip that can be grown for fall and winter use. It is sweet, juicy, fine grained and tender. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Pomeranean White Globe. (See cut.) Good either for table or stock. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Purple Top Strap Leaf Flat. (See cut.) Tops small, bulbs size, flat and very sugary. Very hardy, early and prolific. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Purple Top White Globe. (See cut.) An early variety. Globe shaped; heavy cropper; in other words, similar to the Red Top Strap Leaf. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Seven Top. (See cut.) This is in great demand throughout the Southern states, where it is grown for tops, which are used for greens. It is very hardy and will grow all winter, but fails to produce a good root. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.



Snowball, or Six Weeks. (See cut.) A very rapid growing, small variety that will mature in forty days from sowing of seed. Flesh sweet and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Dutch. An early variety that is very desirable for home use. The roots are medium size, flat, tender and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

White Egg. (See cut.) Of very rapid growth. Egg shaped, with thin white skin. Very solid, firm, fine grained flesh, of sweet, mild flavor. It grows partly out of ground, and is excellent either as a late or early variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

White Flat Dutch Strap Leaf. A good early white sort. The roots are medium size, flat; flesh white. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

White Stone. A small round variety equally good for table or stock. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

TURNIPS==Yellow Fleshed.

Yellow Stone. Considered by many one of the best yellow fleshed varieties for table use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Yellow Aberdeen. More extensively grown for feeding stock. It grows to a large size, is solid, nutritious and of the best keeping qualities. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

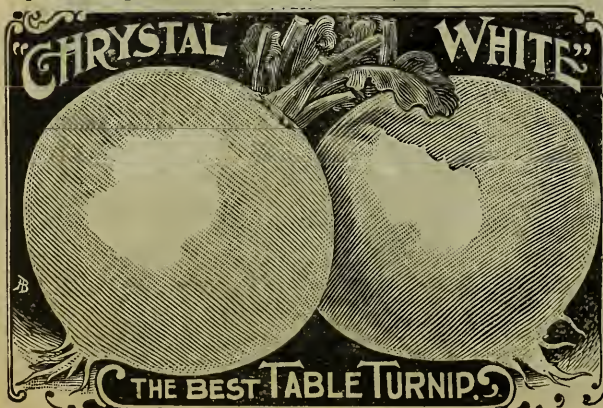
Amber, or Yellow Globe.

Handsomeness, globular shaped. Color pale yellow, with greenish top. One of the best for general crop, either for table use or for stock. Keeps hard and brittle until late in the spring. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Golden Ball, or Orange Jelly. (See cut.) A very distinct yellow sort. The flesh is fine grained and of excellent flavor. Roots are medium size and mature very early. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.



Seven Top Turnip.



RUTA BAGAS FOR STOCK FEEDING



CULTURE—Ruta Baga seed should be sown three or four weeks earlier than that of the table varieties of turnips. The ground should be enriched with well-rotted manure and the seed sown in drills $2\frac{1}{2}$ inches apart and thinned out to six or eight inches in the rows. When the roots have fully matured and before severe weather sets in, pull, cut off the tops and store them in a root-cellar or pit. In some sections the seed is sown broad-cast and the Ruta Bagas are allowed to take their chances with the weeds, but this method is seldom successful except on new clearing.

Prices quoted on this page include the prepayment of postage by us. If wanted by express or freight deduct 10 cents per pound.

- Hurst's Monarch.** (See cut.) The largest and heaviest yielding, yellow fleshed sort, grown extensively for stock feeding; keeping qualities unsurpassed; a variety that every farmer should grow; good for 1000 bushels per acre. It produces large, oval shaped roots; flesh very solid, fine grained and will keep solid and hard much longer than the small varieties. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- May's Improved Purple Top.** (See cut.) A hardy and productive variety. The bulbs are large, round, solid and uniform in size; flesh a golden yellow, fine grained and sweet; keeping qualities unsurpassed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Skirving's Purple Top.** (See cut.) A fine table or stock feeding sort; flesh solid and sweet; heavy cropper and a good keeper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Large White.** Hardy and productive; flesh white, solid, firm; keeps well. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Large Sweet German.** (See cut.) An excellent variety; flesh white, firm and solid; grows to a large size and has a very rich flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Yellow Globe.** (See cut.) A standard variety for stock feeding or table use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Laing's Purple Top.** A large early sort of fine quality; roots globe shaped; flesh yellow; neck small; an excellent variety in every way. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- Carter's Imperial.** One of the best for field culture; flesh yellow, firm and sweet, good for either table or stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.
- May's Elephant.** Produces large, oval shaped roots. The skin is dark red above ground and of a fine rich yellow under ground; a heavy yielder. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

The Best Stock Feeding Carrots.

Sow from 3 to 4 pounds to acre.

Excellent feed for stock and extensively grown for this purpose. Horses relish and fatten on them and keep in healthier condition.

One of the largest raisers of thoroughbred stock in the West says: "I consider Carrots indispensable, and no one who raises cattle can afford to be without them."

CULTURE—For field culture, seed should be sown in drills 3 to $3\frac{1}{2}$ feet apart, so as to cultivate by horses. They succeed best in a good light soil, well enriched by manure. The seed should be covered about one inch deep, and be sure and see that the soil is well firmed above the seed.

Belgian Large White. Grows one-third above ground, large white root with green top, grown exclusively for stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

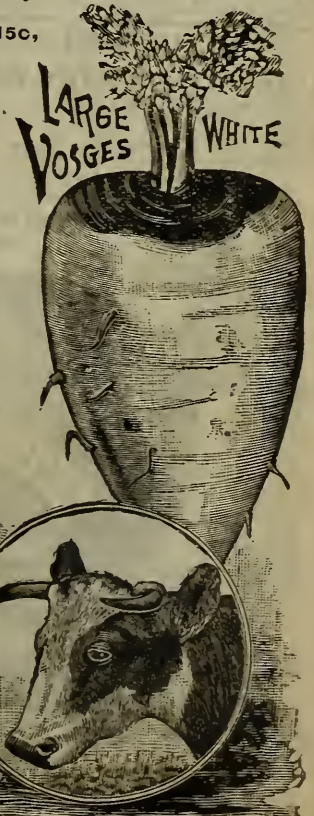
Belgian Yellow. A good stock variety differing from the above only in color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Mastadon. Flesh white, crisp, solid and very sweet in flavor. The roots are short and very heavy at the shoulder, making them easy to harvest. One of the heaviest croppers, yielding from 15 to 20 tons per acre. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 75c.

Yellow Giant. The great stock feeding variety; is the largest and heaviest cropping sort that can be grown and will produce fully 50 per cent more weight per acre than the common sorts. It grows from 20 to 25 inches in length, partly above ground, and is of the best keeping qualities. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Holstein Mammoth White. One of the heaviest yielding carrots we have ever seen. The color is white; flesh solid, crisp and tender; the roots often measuring two feet in length; one of the most profitable sorts that can be grown. Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Vosges. (See cut.) Grown extensively for stock feeding. The roots are very broad at the neck, narrowing abruptly to a point. On account of its shape it is very easily pulled; particularly desirable for shallow soils. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



THE BEST MANGELS FOR STOCK FEEDING.



Sow 12 to 15 pounds of seed per acre.

Deduct 10c per pound from prices quoted below if seed is to be shipped by express or freight at your expense. At prices quoted on this page all seed is sent postpaid.

May's Mammoth Long Red. (See cut.) A heavy cropper, frequently producing from 30 to 40 tons per acre. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

English Prize Mangel. (See cut.) Produces large, straight, well formed roots of large size. Our seed of this variety will produce more beets to the acre than any variety we know of. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Giant Golden. (See cut.) A distinct type of mangel of recent introduction; tops small, roots large; flesh yellow and fine grained. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Long Red. Very large; selected strain; root large, solid; color deep red. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Champion Yellow Globe. (See cut.) Its shape and yield makes it one of the best that can be grown. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Golden Tankard. (See cut.) Flesh a rich golden, and of great milk producing qualities. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

Jersey Queen. A mammoth variety with a record of 1,500 bushels per acre; valuable for dairymen or stock growers. Pt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Red Globe. (See cut.) A large, red, oval variety; keeps well and is especially adapted to low soils. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Norbitan's Giant. A standard variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

IMPORTANT. THE GREAT VALUE OF MANGELS FOR STOCK FEEDING.

The value of these for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 pounds of Mangels are equivalent to 100 pounds of the best hay. During the past year crops of 1,500 to 2,500 bushels on one acre were raised in the state of Minnesota from seed obtained from us. Sow 12 to 15 pounds to the acre. Many seedsmen claim 4 to 6 pounds. In our experience we find the latter to be incorrect.

THE FOUR BEST SUGAR BEETS.

Improved Kleinwanzlebener. Will yield a good crop even under adverse circumstances. An average of 18 to 20 tons to the acre can be counted on safely if the soil is rich. About 15 per cent of sugar can be obtained from this variety. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 35c.

White French Sugar. One that is grown in many parts of France in preference to any other variety. It gives as large a per cent of sugar as the Improved Kleinwanzlebener. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Vilmorin's Improved. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.

Imperial Sugar Beet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 40c.



MAY'S NORTHERN GROWN FARM SEEDS

ALWAYS
BRING
BIG
CROPS

On farm seed quoted by the pound we prepay postage.

Farm seeds by the peck or bushel we do not deliver free, but make no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

CORN==YELLOW DENT.

The Great White Cap Yellow Dent. A corn for thin soils and drouth stricken sections. Introduced several years ago by one of the leading corn growers of America, who writes as follows regarding this variety: "It combines more solid merit than any corn ever introduced, being suitable for all climates and soil's, and yet grows large size, maturing quite early. The ears grow as large as the well known Leaming, and it is from seven to ten days earlier, and on thin, poor soils will yield 30 per cent more corn than that variety. Its great merit lies in the fact that it is as natural a yielder as weeds, grows strong, rank and thick and will produce more good corn on poor soils than any variety now in cultivation." Grown in a section with over 60 other varieties it out-yielded all other kinds and withstood the drouth where all other sorts failed. None of it was fired and no dead tassels could be seen, while on Leaming, Huron and Golden Beauty, and some other early sorts, dead tassels could be found, caused by the hot burning sun. White Cap Yellow Dent will be appreciated by those living in drouth stricken districts, and by farmers who have poor, thin soil on their farms. The tip ends of the grain are white and the inside yellow, making a most beautiful corn. Lb. 25c, pk. 50c, bu. \$1.50.

Great Western Yellow Dent Corn. NOTED FOR ITS DROUTH-RESISTING QUALITIES. Large ears, fine color, heavy yield and medium early, that's what the Great Western Corn is. It ripened the past season in from 95 to 100 days, so that you can readily see that it is the corn for nearly every section of America, except the extreme North, where only the Dakota Queen Dent Corn can be grown with safety. Too much cannot be said in favor of this variety for such states as Illinois, Ohio, Indiana, Iowa, and in fact all but the northern tier of states along the Canadian line. Lb. 35c, 3 lbs. \$1.00, pk. 50c, bu. \$1.75, bag (2½ bu.) \$4.00.

Bonanza White Dent Corn. The heaviest yielding White Dent Corn in the world. A variety that is unequaled for growing in the middle and southern parts of the U. S. Will yield heavily on all kinds of soils, and never known to fail, even in the worst years. The grains are of an enormous size, broad, quite deep, and the cob is so small that the kernels will completely cover the cob when the ear is broken in half. The stalks bear from two to three large ears, and it has never been known to have barren stalks, no matter how thin the soil may be. All ears are well filled out to the extreme end. It shells and shucks quite easily, and in sections where it can be properly grown will give more shelled corn to a given amount of ears than any other sort in our entire list. Of course this variety is not to be classed with our famous Early Mastadon, as it cannot be grown in the North, as may be done with that variety, but for the South is without doubt the most productive Field Corn that can be secured. The stock which we offer has been carefully saved and selected, and we cannot too highly recommend it to our patrons. It usually takes about 15 weeks for this corn to mature. Lb. 35c, pk. 50c, bu. \$1.50.

Extra Early Dakota Queen. THE HEAVIEST YIELDING EXTRA EARLY YELLOW DENT CORN. A VALUABLE VARIETY FOR THE NORTHERN STATES. RIPS IN ABOUT 85 DAYS FROM PLANTING. It is, beyond a doubt, the earliest Dent Corn ever introduced, and is the most valuable addition to the list of corn in many years. It is far ahead of Pride of the North, King of the Earliest, Early Butler, and in fact all the Dent varieties in earliness. This new corn can be grown in the extreme Northern states where heretofore only the Flint corn has been raised. It is of a bright yellow color, small ear and cob, with a very long, deep grain. Lb. 25c, pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

King of the Earlyies. One of the earliest yellow dent corns in cultivation, originated by Mr. A. L. Goddard, of Northern Iowa, the originator of the "Pride of the North." Stalks grow 6 to 7 feet high, ears 7 to 9 inches long, very deep, soft grain and small red cob. It ripened in 83 days from planting, being a few days earlier than "Pride of the North" and "Yellow Canada Flint." Its originator claims this corn will mature in any part of the country where it is possible to grow Early Flint varieties, and is a valuable variety for the extreme north and for feeding purposes. Lb. 25c, pk. 50c, bu. \$1.50.

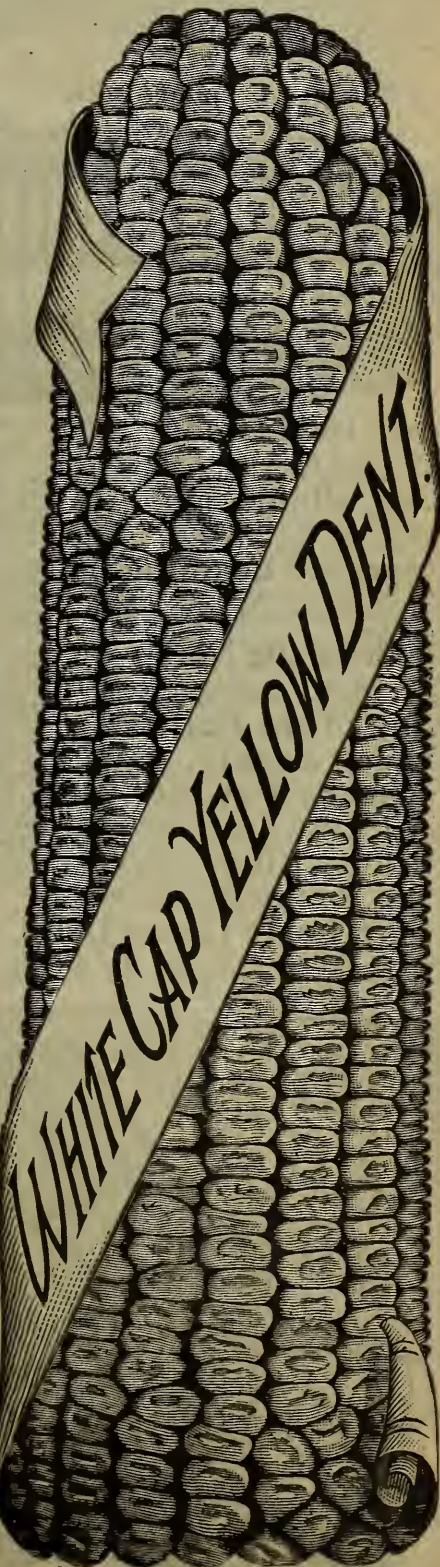
Golden Beauty. Said to be the handsomest Field Corn ever introduced. The ears are of large size with from 10 to 14 rows of bright, golden yellow grains remarkable for their size, and the cobs are usually filled to the extreme end. The quality of the grain is superior to most sorts, and it is therefore very desirable for grinding into meal. Usually requires about 110 days from planting to mature, and we heartily recommend it for all sections where the seasons are long enough to enable it to be properly grown. Although the kernels are firmly set on the ear, they are easily shelled, and we consider it about as perfect a type of dent corn as can be secured. Lb. 25c, pk. 50c, bu. \$1.50.

Minnesota King. A famous half dent corn. This was introduced a number of years ago and has steadily increased in favor since its introduction, and we consider it one of the most valuable corns ever introduced for the northern states. While there are many varieties that in good years will yield as much as Minnesota King, there are very few we think that will, year in and year out, produce as heavy a crop as this sort. Although the kernels and ears are of large size, it almost invariably ripens even in the middle and northern parts of Minnesota, and seems to possess a faculty of growing right straight along and making a crop during all kinds of weather. Its ability to withstand the extreme heat, as well as cold and drouth, is something remarkable. The ears are quite large and the cob is very small, and the kernels are a rich golden color. Our stock of this variety has been grown with the greatest care and can be relied upon to give satisfaction to every purchaser. Lb. 25c, pk. 50c, bu. \$1.50, 5 bu. \$7.00, 10 bu. \$12.50.

Great Brazilian Flour Corn. One of the greatest novelties ever introduced. Originated in Brazil, where it constitutes the principal food of the inhabitants. It is truly a marvelous plant. For more than 6 years our seed was always exhausted before the season ended, so great was the demand. You are sure to like it. It grows 8 feet high, and from 1 kernel sends enough stools to produce 100 ears. Its strong points are: 1—Twenty-five barrels of flour can be grown from 1 acre, and this flour is of as fine a grade as is made of Dakota hard wheat, which is five times as much as wheat produces per acre. 2—The bread and biscuits baked therefrom are fully as palatable as from any flour known. 3—When boiled in a green state it has no superior among Sweet Corn, while its yield is thrice that of Sweet Corn. 4—Matures in all latitudes where corn ripens. 5—Cultivate as you would Corn, allowing 2 kernels to a hill. 6—On our own grounds it yielded at the rate of 100 bushels green fodder for cattle, of the most delicious, sweet, tender, juicy, nutritious food we have ever seen. Indeed, it seems as though this will soon rank as the greatest fodder-producing plant in the world. 7—It makes flour in quality equal to wheat. Of course it is not so white, but oh, what delicious cakes and rolls and biscuits!

Can be ground on a Family Grist Mill.

Price of Brazilian Flour Corn—(For flour, plant 5 qts. per acre; for fodder, 10 qts.) Pkg. 10c, by mail; pt. 30c, qt. 50c; by express, 5 qts. \$1.00, 16 qts. \$2.00, bu. \$3.75, 2½ bu. \$7.50.



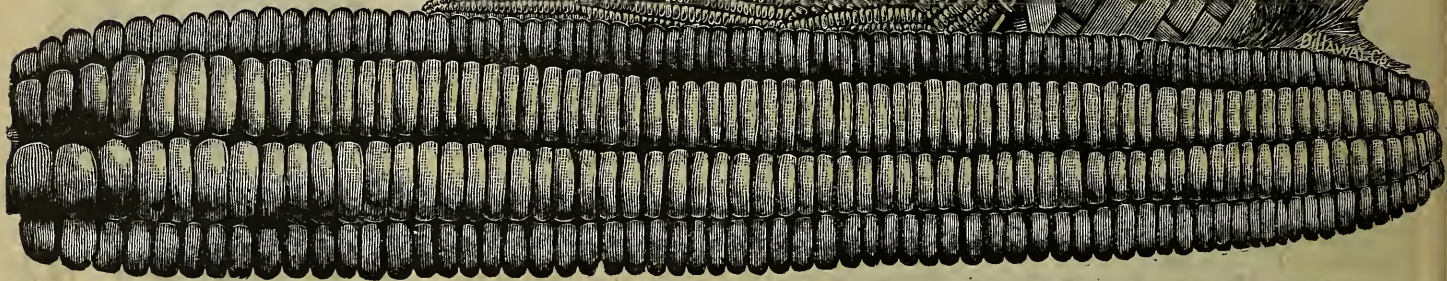
THE GREAT YELLOW FLINT CORN, PRIDE OF CANADA

THE CORN FOR THE EXTREME NORTH.

The greatest of all the flint varieties. Ears long, of rich yellow color. Enormously productive, outyielding any field corn we have ever grown. Will prove to be of the greatest value to the farmers of the far North. Ripens earlier than any of the flints. Don't fail to try it if you want a big yielding flint corn. Lb. 35c, 3 lbs. \$1.00, postpaid; pk. 50c, bu. \$1.50, bag (2½ bu.) \$3.50.

TRY EARLY MASTADON.

175
BUSHELS
PER ACRE



Iowa Gold Mine. A medium large early yellow dent, valuable for Iowa and the Middle states. The grain is deep golden yellow color, ears of good size and cob small. Ripens in 90 to 100 days from time of planting. Lb. 25c, pk. 50, bu. \$1.50.

King Philip. (See cut.) An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land. Ears eight rowed and from 9 to 12 inches long. Lb. 25c, pk. 50c, bu. \$1.50.

Improved Leaming. (See cut.) One of the largest yellow dent corns in cultivation, ripening in 90 to 100 days from time of planting; very productive and a sure cropper; stalks medium size. Husks and shells very easily. Lb. 25c, pk. 40c, bu. \$1.25.

Pride of the North. (See cut.) A standard early sort; matures in 90 days from time of planting; valuable for the North. The ears are from 14 to 16 rowed. Has yielded 100 bushels of shelled corn per acre. Lb. 25c, pk. 40c, bu. \$1.25.

King of the Earliest. (See cut.) For description see page 49. Lb. 25c, pk. 40c, bu. \$1.25.

Golden Beauty. (See cut.) For description see page 49. Lb. 25c, pk. 50c, bu. \$1.50.

Farmers' Favorite. (See cut.) A large medium early yellow dent that yields heavily on any kind of soil; valuable for dry sections. It is a rank grower and withstands the drought better than most sorts. Lb. 25c, pk. 50c, bu. \$1.50.

Hickory King. (See cut.) A mammoth white dent that is wonderfully productive; one of the best sorts for the Middle and Southern states. Will mature in about 110 days from time of planting. Lb. 25c, pk. 50c, bu. \$1.50.

Extra Early Huron Dent. Acknowledged to be one of the earliest yellow dent corns in cultivation; the grain is of a bright orange yellow, deep and quite smooth; the ear is of fair size. Valuable for the Northern states. Lb. 25c, pk. 40c, bu. \$1.25.

Longfellow. (See cut.) Flint, particularly adapted to the North. An eight rowed sort, 12 to 15 inches in length; small cob, large kernel. Lb. 25c, pk. 50c, bu. \$1.50.

CONDENSED LIST OF FIELD CORN. FLINT SORTS.

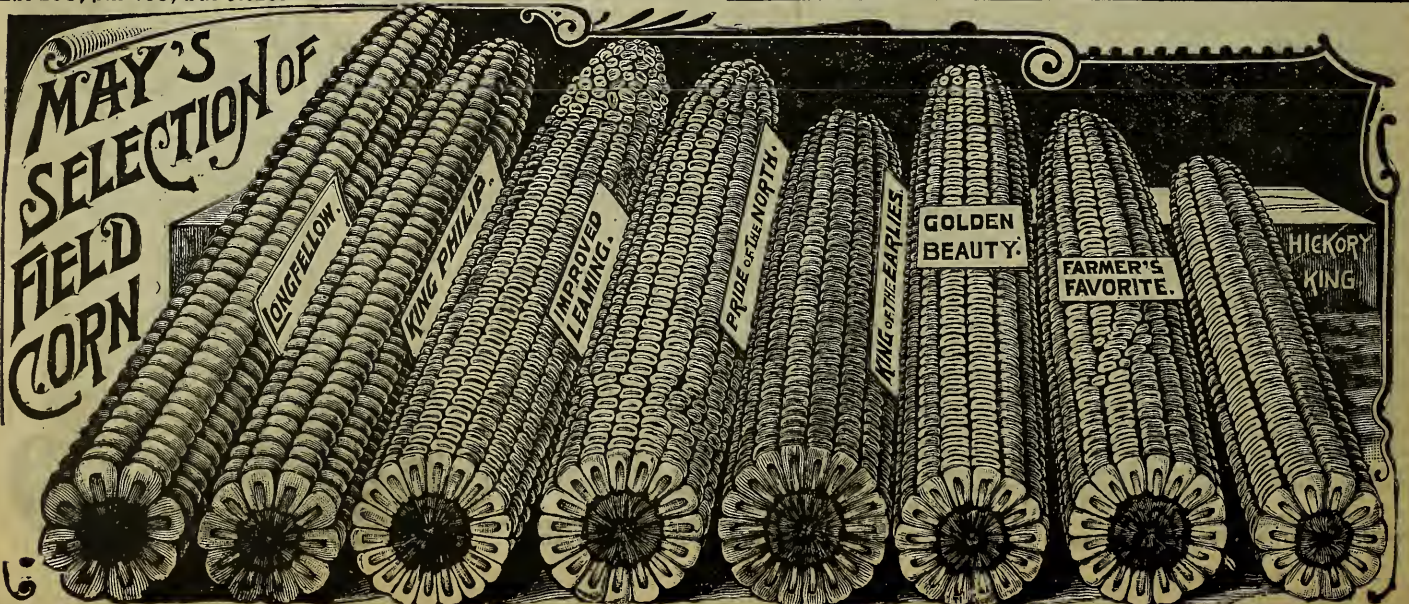
	Pk.	Bu.
Angel of Midnight.....	.50	\$1.50
King Philip.....	.50	1.50
Longfellow.....	.50	1.50
Mercer.....	.50	1.50
Pride of Canada.....	.50	1.50
Sanford's White Flint.....	.50	1.50
Champion White Flint.....	.50	1.50

YELLOW DENT SORTS.

Dakota Queen.....	.50	1.50
King of the Earliest.....	.40	1.25
Farmers' Favorite.....	.50	1.50
Golden Beauty.....	.50	1.50
Great Western Yellow Dent.....	.50	1.75
Huron Dent.....	.40	1.25
Iowa Gold Mine.....	.50	1.50
Improved Leaming.....	.40	1.25
Mastadon.....	.50	1.50
Minnesota King.....	.50	1.50
Pride of the North.....	.40	1.25
White Cap Yellow Dent.....	.50	1.50

WHITE DENT SORTS.

Bonanza White Dent.....	.50	1.50
Champion White Pearl.....	.50	1.50
Iowa Silvermine.....	.50	1.50
Hickory King.....	.50	1.50





A RECORD UNEQUALED.

The seed we offer of this variety is grown at our Mayfield Seed Farms, substantiating the fact that this variety will mature as far north as the central part of Minnesota.

Alfred Rose, Yates County, N. Y., raised 213 bushels of shelled Mastadon Corn on one acre. A heavier yield by over twenty-five per cent than any other variety.

WE ARE HEADQUARTERS FOR THIS CORN.

Fred Newman, Ferry, Mich., writes: From four quarts of your Early Mastadon Seed Corn I raised 98 bushels. Your seed gives perfect satisfaction.

Don't Grow a Poor Yielding Corn
when for a little more you can buy
our Heavy Yielding Early Mastadon.

THE WONDER OF THE CORN WORLD.

Since its introduction more seed of this variety has been sold than any sort ever introduced, and more bushels of it are now used by the seed trade in filling orders than any other variety of field corn. This, in itself, is a great recommendation for the merit of the Mastadon corn. The Mastadon corn has the longest grains and largest ears of any 100-day corn in cultivation and will outyield any corn in the world. In the celebrated American Agriculturist corn contest it far outyielded every other yellow corn in America. Alfred Rose, of Yates County, N. Y., grew on one acre 15,893 pounds of ears or 213 bushels of shelled corn, and George Cartner, Pawnee County, Neb., grew from one acre 11,380 pounds of ears or 171 bushels of shelled corn. The largest yield of corn ever known in Ohio was a field of Mastadon grown on the Sage farm in 1894. We can produce any amount of testimonials from reliable farmers of yields of over 100 bushels shelled corn per acre. It is the strongest grower and largest yielding field corn in cultivation. It husks easy for so large a corn and shells easy, and has the longest grains of any kind we know of. Any one wishing proof of the above yield can obtain same by writing Alfred Rose, of Penn Yan, Yates County, N. Y. We have each year carefully selected our stock of this corn until now we have a fixed pure type of this wonderful yielding corn, and to obtain the genuine pure stock direct from the originator buy only of us. 1,600 grains have been counted on one cob. Ears average 9 to 11 and 12 inches long, 20 to 36 rows on the cobs, many stalks bearing 3 to 5 large ears, some ears weighing 2 lbs. each and the most handsome shape ever seen. We do not think too much can be claimed for this wonderful variety. Lb. 25c. By express or freight, pk. 50c, bu. \$1.50, 5 bu. \$7.00, 10 bu. \$12.50.

Iowa Silver Mine. The most marvelous variety of corn ever offered and one which will surprise every one who plants it. If the farmers take hold of this as they should it will revolutionize the corn growing of this country. Just think of the wonderful yield, 215 bushels per acre with ordinary culture. We don't blame some practical farmers for looking incredulous when this is mentioned. We did not believe it ourselves until we had measured the ground and proved conclusively that the report was correct. Seed Corn is our great specialty and we claim to be Corn experts. There are more fine points combined in this corn than any other in cultivation. 1st. It is as natural a yielder as weeds. 2d. It yields large crops on poor thin land. 3d. The ears are large, handsome and well filled. 4th. It husks easy and shells easy. 5th. It always commands a high price and will give more bushels on poor, thin land than any Corn we know of. Lb. postpaid, 25c. By express or freight, pk. 50c, bu. \$1.50.



DESCRIPTION OF OUR CHOICE KAFFIR CORN.

Yields heavily even on the poorest soils. This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine sorghum and distinct from all others of this class. It does not stool from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average height on good land is about 5 feet, but the stalks are very strong and never known to blow down in ordinary wind storms. It has the valuable quality of resisting drouth, and if the growth is checked for want of moisture, the plant waits for rain and then at once resumes its progress without any apparent detriment to its condition; indeed, reports show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed. All kinds of cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about 3 feet apart, using about three or four pounds per acre. It can be grown as far north as Minnesota, and is therefore desirable for cultivation in all parts of this country. Pkt. (2 oz.) 10c, lb. 25c, 3 lb. 70c, postpaid; by express or freight, 10 lb. 65c, 50 lb. \$2.00, 100 lb. \$3.50.

Cuban Giant Ensilage Corn.

(See cut.) Unequaled in yield and unsurpassed in quality. The introducer, a grower of large experience, says: "The grains are pure white and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation—a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being almost as sweet and tender as sugar corn. It will outyield the Red Cob Ensilage Corn, and is more valuable because some ten to twelve days earlier. It is the most perfect ensilage corn I have found in my seventeen years' experience, and will hold the trade of all who give it a trial." Lb. 35c, 3 lb. \$1.00, postpaid; by express or freight, pk. 50c; bu. \$1.50; 2 bu. \$3.00.

Red Cob Ensilage. A large, white, heavy cropping variety, producing from fifty to seventy tons per acre. The fodder is sweet, tender, juicy and said to contain more nourishment than any other variety. It grows from 14 to 15 feet in height. Lb. 25c, postpaid; pk. 40c, bu. \$1.25.

White Cob Ensilage. A pure white fodder corn; ears of an immense size, making it a very good variety for feeding cattle during the winter months. By express or freight, pk. 40c, bu. \$1.25.

Mercer Flint. Well adapted to the North and for late planting. It is an eight-rowed corn, with ears 12 to 15 inches in length and 1½ inches in diameter; small cob. By express or freight, pk. 50c, bu. \$1.50.

Angel of Midnight Flint. An early yellow eight-rowed variety, with perfect ears and well filled. Lb. 25c, postpaid; pk. 50c, bu. \$1.60.

Longfellow (Flint). A variety that is particularly adapted to the North. It is an eight-rowed sort, with ears 12 to 15 inches in length and about 1½ inches in diameter. Small cob, large kernel and very broad. Lb. 25c, postpaid; by express or freight, pk. 50c, bu. \$1.50.

Champion White Flint. One of the best flint varieties for sections where flint corn is grown. It is quite early, with large sized ears, and is a corn that can be depended on to produce a good crop, even in poor seasons. We have been careful in saving this corn for seed purposes, and know that it is far superior to many of the stocks of White Flint that are on the market at the present time. Lb. 25c, postpaid; pk. 50c, bu. \$1.50, by express or freight.

Sanford's White Flint. One of the best flint varieties for sections where flint corn is grown. It is quite early, with large sized ears, and is a corn that can be depended on to produce a good crop, even in poor seasons. We have been careful in saving this corn for seed purposes, and know that it is far superior to many of the stocks of White Flint that are on the market at the present time. Lb. 25c, postpaid; by express, pk. 50c, bu. \$1.50.

Champion White Pearl. This popular corn originated in central Illinois and the grower in his description states that it is a pure white dent corn, maturing in from 90 to 100 days. The cobs are unusually small for the size of the corn and are white. The grain is extra long, exceedingly heavy and very compact. The stalk is short and thick, and roots very deeply, with ear growing low upon it, thus standing severe wind storms and drouths. Lb. 25c, pk. 50c, bu. \$1.50.

Northwestern Dent. An old standard variety. A favorite in many sections of the Northwest, where it is said to produce enormous crops, standing drought well and ripening early. Lb. 25c, postpaid; pk. 50c, bu. \$1.50.

Triumph Corn Planter. (See page 110.) If you have only a small field it will pay you to use one of these. Every farmer should have one ready to use for replanting in case of failure from any cause. Each \$1.15.

Champion Ball Bearing Corn Sheller. (See page 110.) Nice for shelling seed corn, pop corn or corn for the chickens. Each \$2.50.



Cuban Giant Ensilage.



BROMUS INERMIS OR BROME GRASS. The Wonderful Russian Forage Grass.

Outyielding Alfalfa. In nutritious qualities surpassing Timothy. One sowing will stand for years. Succeeds on poor soils and yields from four to five tons per acre. For the arid regions this grass has no equal. We have one grade of seed only—the best. Many firms are offering this seed at much lower prices, but it is an inferior article, which we are confident will not germinate 50 per cent and is dear at any price. Ours has been procured direct from Russia and is a superior article, showing in our tests a much higher percentage of germinating qualities.

Lb. 30c, 3 lbs. 85c, postpaid; by express or freight, 18 pounds, enough for one acre, \$3.60; 100 lbs. \$18.00.

DESCRIPTION—It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungarian plains, where the dry, sterile nature of the country and the long continued droughts make so many plants succumb. This Bromus, however, stands well, and has been known for thirty years to stand when such robust crops as alfalfa have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or the dry state, so that it can be mown or saved for winter use. The seed is sown in the early spring. It is also useful in filling up gaps where alfalfa or clover crops have failed. It will stand under favorable conditions for twelve years, and give as much food in one month as alfalfa gives in three months.

CULTIVATION—This grass is better sown alone; at least it should not be sown with grain crops. The grain takes too much moisture from the young grass plants. It is also desirable to sow the seed on soil that does not blow. Summer fallow would be the best preparation, but on account of its liability to drift it is not safe in many parts of the extreme Northwest to use this kind of land. Stubble land, plowed 4 or 5 inches deep in April or May, and well harrowed after the seed is sown, is found to be quite safe from wind, as the stubble harrowed on top prevents all drifting.

Fifteen to eighteen pounds of seed is required to an acre. More seed will give a better crop the first year, but less afterwards, as the roots thicken up each year, and in three or four years make better pasture for hay.

The seed being light, long and thin, seeding by hand is the only practicable method. To seed properly, a calm day should be chosen, so that all parts of the land may be evenly sown.

While the plants are young the weeds make headway, and it is necessary at least to keep them from going to seed. The quickest way to accomplish this is to go over the field with a mower, cutting just above the grass plants. If the operation has to be repeated it will be necessary to cut the tops of the grass, but this will not injure the plant—in fact, it is an advantage in the way of giving the roots a better hold. The first crop of hay can be cut the next year after seeding, and will, in ordinary years, be ready in July. Eight or ten days after being ready to cut for hay it will be ready to cut for seed, if so desired. Cut in first bloom for hay, and ten days from this time it is considered in proper state to cut for seed.

Many inquiries have been received in regard to growing Bromus on lands which are flooded part of the year. Following we give the experience of S. A. Bedford, Esq., in charge of the Experimental Station at Brandon, N. W. T., Canada:

A small area on the uplands of the Experimental Farm, about an acre, is flooded from 2 to 4 feet deep each year, the water remaining on until June. This was broken up during the summer of 1896, and sown to Bromus without grain. Good stand was obtained and a magnificent crop of grass gathered. This experiment should be tried by farmers who have depressions on their land known as pot holes, which are numerous in some parts of the province.

In cutting for seed a binder is used, and the grass is cut, tied and stacked the same as wheat or other grain. In a week or ten days after cutting it is ready to thresh or store away, as deemed best. For threshing small quantities the old fashioned flail is suitable, but for large lots a threshing machine should be used on which the wind has been closed off as much as practicable.

From three to six hundred pounds of seed may be expected from an acre.

RENEWAL AND ERADICATION of Bromus Inermis, by Angus Mackay, in charge of the Experimental Station at Indian Head, N. W. T., Canada:

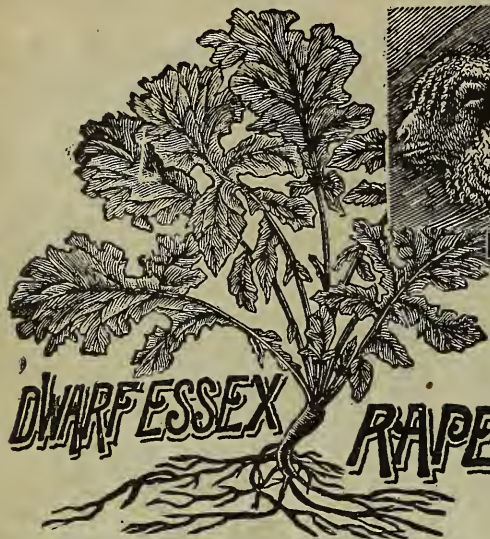
Last fall, just before winter set in, one half acre of Brome sod was plowed 4 inches deep, in as narrow furrows as possible. Four crops of hay had been cut from the plot, and the roots had become very thick. On the 6th of May, 1898, Prince Albert peas were sown, harrowed in and rolled. Shortly after the peas were sown the grass commenced to grow very thick, and from that time it was a race between Brome grass and peas, with the result that peas were one-third crop and Brome grass a good catch. The peas and grass were cut by mower and the land left to see what results can be obtained in renewing Brome sod without re-seeding. Three-quarters of a ton of peas and Brome hay was cut from the one-half acre.

On the 14th, 15th, 16th and 19th of April seven acres of Brome sod was plowed 2 inches deep. By the time the sod was rotted sufficiently to back-set, quite a heavy growth of grass was covering the land. On 16th, 17th, 18th and 20th of June all but one-half acre of this land was backset 4 inches deep. Brome roots continued to grow after the back-setting, and the land was again plowed before winter set in. The one-half acre not back set had, when the remainder of the plot was plowed the second time, a good catch of grass, which promises a crop of hay next year.

Last spring, after seeding was finished, an old piece of Brome sod was gone over four times with iron harrows to determine whether or not it could be renewed without plowing. The result clearly demonstrated the impracticability of this method.

As stated in the report of last year, several acres of Brome sod was plowed on 18th, 19th and 20th of May, 1897, and sown to peas at the time of backset later on. That portion sown with peas was plowed last fall, and, together with part of the backsetting, was sown with Red Fife wheat this spring. The balance of the backsetting was used for potatoes, corn, peas and roots. The wheat averaged 20 bushels per acre, and the potatoes, peas, corn and roots yielded one-third less than the same varieties sown on fallowed and manured land.

This grass, we firmly believe, is the greatest boon, especially to our West and Northwest states, ever introduced. We have labored for ten years in the introduction of this famous grass, and we are pleased to state our efforts have been successful, as will be seen by a few of the many hundreds of testimonials we have, and it is doubtful if the supply of seed this year is going to equal the demand, so great has been the call already from Montana, Washington and North Dakota, where hay crops are the one essential among the stockmen.



DWARF ESSEX RAPE.



FOR SHEEP FOOD.

to remove them to an adjoining pasture when they have satisfied their wants. The results are usually very satisfactory when they are pastured upon it in the day only, and fed in the stable or shed in the morning before going to the rape pasture. This is an excellent way of making Christmas beef. Rape will keep a long time in early winter in heaps like shocks of hay. When cut and thus put up at the approach of winter, it may be drawn and fed as desired.



SAND VETCH

YIELDS IMMENSE CROPS ON DRY SOILS

150 pounds are sown per acre and 10 lbs. 75c, 100 lbs. \$6.00.

Mammoth Russian Sunflower. (See cut.) Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Per oz. 5c, per lb. 25c, 3 lbs. 65c, postpaid; by express or freight, 10 lbs. 75c, 100 lbs. \$6.00.



WILD RICE

Rape as a Catch Crop. Rape is particularly adapted for being grown as a catch crop, as, like the turnip, it grows better late rather than earlier in the season. When a grain crop, therefore, has failed from any cause whatsoever, there is ample time to plow the land and to sow rape upon it. It may also be sown among corn, just before the last cultivation which is to be given to the corn. Price of **DWARF VICTORIA RAPE:** Pkg. 10c, lb. 15c; by mail, 30c; by freight, 7 lbs. \$1.00, 15 lbs. \$2.00, 25 lbs. \$2.50, 35 lbs. \$3.00, 50 lbs. \$4.00, 100 lbs. \$7.50.

The Wonderful Sand Vetch. (Vicia Villosa.) (See cut.) The Washington Department of Agriculture estimates the value of a plowed under crop of this Vetch as equivalent to putting into the ground \$16 to \$45 worth of commercial fertilizer. One important feature is that a sowing made in August or September covers the ground before winter sets in and prevents washing of the soil during the winter and early spring, thus effecting a great saving of soluble mineral fertilizers contained in soil, which otherwise would wash or leech out. It can also be sown in April, and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 3 or four tons when cured as dried hay. Sow in drills, using 30 pounds per acre. Per lb. 25c, postpaid; 10 lbs. \$1.25; in lots of 25 lbs. or over, by freight or express, at 10c per lb.

Spring Vetches or Tares. These are a species of pea, and grown extensively for stock feeding. They are excellent food for hogs and also a most valuable fertilizer. From 100 to 150 pounds are sown per acre and 10 lbs. 75c, 100 lbs. \$6.00.

Wild Rice. (See cut.) Valuable as an attraction for wild fowls. Sown in large quantities along the edges of ponds, lakes and streams. It can be successfully sown either in the winter or spring, but often the best results are obtained when sown during the fall months, generally about the middle of September. It grows very rapidly in 1 to 8 feet of water, ripening late in August or early in September. Sow it broadcast from a boat in 2 or 3 feet of water having a mud bottom. In large ponds or lakes it purifies the water. For planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. Lb. 25c, postpaid. By express or freight, 10 lbs. \$1.25, 100 lbs. \$11.00.

Minnesota Early Amber Sugar Cane. (See cut.) All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country, and its enormous yield, often reaching 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre, has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but we believe that the stock which we have to offer is the best that can be obtained. Lb. 20c, postpaid. By express or freight, lb. 10c, 10 lbs. 50c, 42 lbs. (1 bu.) \$1.50.

Flax for Sowing. The demand for this seems to increase each season and the acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost, but as early as it is possible to do so in order to secure the early spring rains. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually 1/2 bushel is sufficient. Cut it before thoroughly ripe and if the weather is warm and the earth dry let it lie in the swath a few hours, when it should be raked and secured for the winter. Thresh during dry weather in the fall months. Lb. 20c, postpaid; by express or freight, pk. 65c, bu. \$2.25.



Sugar Cane.

Culture of Rape. It can be sown in drills far enough apart to cultivate, or broadcast. If sown in drills, but 7 lbs. per acre is necessary. The best way is to sow it broadcast on very clean soil, or to sow it with your spring grain at the rate of 15 lbs. per acre. After the grain is removed it will grow rapidly and form excellent pasture. If sown without cover of grain it matures more quickly and furnishes pasture sooner. In sowing cover it but one inch deep. It is a great soil enricher, and as it is cheap it would not be amiss to sow in all fields where you intend to plow under in the fall, as rape plowed under enriches the soil quickly.

Dwarf Essex Rape. The best forage plant for the sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on corn land. Prof. Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was 7 to 8 pounds per month. Sow it like corn, or broadcast." Price, lb. 25c, postpaid; by freight or express, lb. 15c, 10 lbs. \$1.00, 100 lbs. \$7.50.

Rape as a Pasture. Rape is unequaled as a pasture for sheep in the autumn; as a fattening food in the field it is without a rival in point of cheapness or effectiveness. The sheep that pasture upon it do the harvesting in the most effective manner and with but little cost to the owner. When rape is established as a pasture the necessity for sending sheep and lambs to the market in a lean condition will be removed. Cattle may also be pastured upon rape, but through treading they destroy and waste it in a considerable degree. Because of this it is better to use it for sheep.



MAMMOTH

RUSSIAN SUNFLOWER

BARLEY.

The Heavy Cropping Mansura Barley.

The famous variety so highly recommended by Prof. Henry, of the Wisconsin Agricultural College.

We believe no variety ever introduced has given such perfect satisfaction in all parts of the country as Mansura Barley. Professor Henry says in his report that Mansura still heads the list in productiveness. Yields of from 50 to 60 bushels per acre are often reported. A leading farmer of Northville, S. D., reports 240 bushels of Mansura Barley on 5 acres. The heads are long, filled with plump kernels, and the straw is extra strong. It is a six rowed variety, and, tested with other sorts sold at high prices, it has outyielded all of them, and we believe it the very best sort that can be grown for a general crop. **Lb. 25c, postpaid; by express or freight, pk. 40c, bu. \$1.10, 5 bu. or over \$1.00 bu.**

New Beardless Barley. The earliest Barley known, if sown the twentieth of March will ripen about the twenty-eighth of June, straw same length as common barley but better, will stand up on any land, has produced 80 bushels per acre. Sow as early as you can, frost will not hurt it. It is beardless, handles as easy as oats and makes a stronger feed. **Lb. 20c, postpaid; by express or freight, pk. 40c, bu. \$1.25, 2½ bu. bag \$2.15.**

Highland Chief Barley. This is an entirely new and distinct two-rowed variety of barley. It is very robust, a vigorous grower, and the size of the grain when compared with any other is immense. It is less liable to be damaged by wet than other kinds, inasmuch as it is more closely covered with broad awns or spikelets, consequently it is less liable to lose color by the wet weather. Has strong, upright straw, yields from fifty to sixty bushels per acre, and usually weighs over fifty pounds to the measured bushel. **Bu. \$1.50.**

White Hulless Barley. Sow at the rate of 1½ bushel per acre. It is two or three weeks earlier than the ordinary Barley, grows about the same height, and will not shatter in the field even if very ripe. The grain is not unlike Wheat, and weighs about 60 lbs. per bu. **Pk. 75c, bu. of 48 lbs. \$2.00, 10 bu. lots \$1.80.**

Goldthorpe Barley. See list of specialties, page 7.

BUCKWHEAT.

Japanese. (See cut.) The best, most productive and most profitable variety in cultivation. From ½ bushel of seed sown a crop of 40 bushels has been harvested. In color the grain is a rich, dark brown. Flour from Japanese buckwheat is fully equal in quality to that from any other variety. It ripens a week earlier than Silver Hull, and yields two or three times as much. Excellent for bees. **Lb. 25c, pk. 50c, bu. \$1.50, 2½ bu. \$3.00.**

Silver Hull. An old standard sort that ripens earlier than the common varieties of Buckwheat and is a heavy yielder on all kinds of soils and seldom affected by drought. The berry is of a light, silver gray color and the flour is whiter and more nutritious than that made of a common sort. There is a steady demand for this every year and it can be relied upon to produce a good crop in any ordinary season. **Lb. 25c, postpaid; by express or freight, pk. 50c, bu. \$1.50.**

SOJA BEAN.

The Soja Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. In some parts of the South it is extensively grown only for feeding pigs, and the Agricultural Bulletins throughout the Southern States praise same without stint. Here in the North the Soja Bean has not yet become generally cultivated on account of its not being early enough to ripen seed; but if you wish same for fertilizing, to plow under in the green state, it certainly is one of the very greatest plants, next to the Cow Pea, to sow, on account of its remarkable qualities. It will draw from the sun and return to the earth just the nourishment and properties that you are looking for. Our Soja Bean, which we offer here, this year ripened with us on sandy soil thoroughly. **Pkt. 10c, pt. 25c, qt. 45c, postpaid; by express or freight, pk. \$1.00, bu. \$3.00.**

SPELTZ—The Wonderful Grain from Russia.

Russia has given us *Bromus Inermis*, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of extraordinary value for growth on poor soils and in drouthy sections. The chaff adheres to the grain when threshed. One South Dakota farmer says: "The Speltz did remarkably well. It is a wonderful 'stooler' and robust grower, yielding nearly 60 bushels to the acre." While the grain is of undoubted value for milling purposes, its present use will be confined to feeding, for which purpose it is very superior. **Large pkt. 5c, lb. 25c, postpaid; by express or freight, 3 lbs. 25c, 50 lbs. \$1.00, 100 lbs. \$1.80, 500 lbs. \$8.50.**

The Two Best Kinds of Broom Corn.

Evergreen. This variety is more generally grown than any other sort on account of the color and quality of brush. The brush is of good length, always green; when ripe it does not get red and has no center stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfaction. **Lb. 25c, postpaid; by freight or express, pk. 60c, bu. \$2.25.**

Japanese. By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July, and ready to cut by the first of October. Largely grown in the Southwestern states. **Lb. 25c, postpaid; by express or freight, pk. 75c, bu. \$2.50.**

Jerusalem Corn. A wonder from Palestine. A marvelous variety introduced into this country from the arid plains of Palestine by a missionary who gave two grains to a farmer in the Southwest several years ago. These two grains made five heads the first year, and the season following he got five bushels, from which he planted eight acres, and gathered a crop of over 200 bushels. It is pronounced one of the very best and most certain grain crops for dry sections, and in the Southwest claimed to be superior to the famous Kaffir Corn which is having such immense sales at the present time. It attains a height of three feet, and makes a large head of one main stalk and several smaller heads on the side. In good seasons often as high as eight or nine heads will be seen on one stalk. The grains are pure white and almost flat. Sow three or four pounds to the acre. **Per lb. 25c, 3 lbs. 70c, postpaid.**

AUSTRALIAN SALT BUSH.

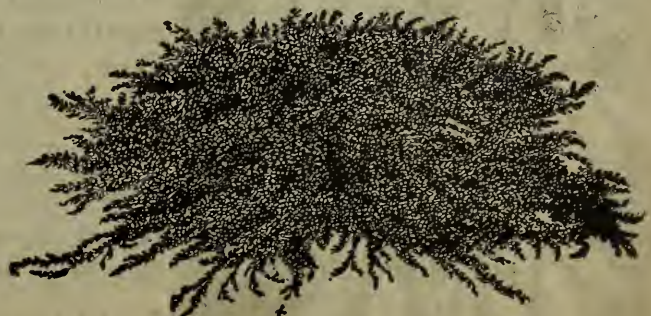
This is a most wonderful forage plant, as it will grow freely in arid and alkali lands, that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the States this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. **Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.35.**

Dakota Mammoth Spring Rye. Without doubt the heaviest yielding variety that has ever been introduced, and the increased sales each year prove that it is of the greatest value to the farmer. Its greatest value is as a "catch" crop to sow where winter grain has been a failure. The straw is stiffer and shorter than the winter variety, but yield is certain to be satisfactory to every one. Our Dakota Mammoth Spring Rye has been carefully saved and improved for several years past, and is the cleanest lot of Rye we have ever seen. Sow at the same time you do Spring Wheat, at the rate of 1½ bushels per acre. **Lb. 25c, postpaid; by express or freight, pk. 40c, bu. \$1.35.**

Canada Field Peas. Height of vine, 3½ to 4 feet. This is a standard sort, extensively grown in Canada, Wisconsin and other pea growing sections, and has a large sale, not only for agricultural purposes, but for use in soups. **Qt. 30c, postpaid; by express or freight, pk. 40c, bu. \$1.40, 2 bu. \$2.70, 10 bu. \$13.00.**



A Forage Plant for Alkali Soils, and for Regions Subject to Periodic Drouth. (See cut.)



Australian Salt Bush.

THE FAMOUS WHITE OAT BONANZA KING.

**BIG
YIELD
PER ACRE**

H.W. BOTZ,
SAUK CENTRE, MINN.
143 BUS.

W.R. STRICKLAND,
ALBION, N.Y.
134 BUS.

C. STRAFUSS,
WILLIAMSBURG, KANS.
141 BUS.

D.A. SINKEY,
CARSON CITY, MICH.
112 BUS.

C. NOW,
LEE, ILLS.
109 BUS.



A field of common oats.

A field of Bonanza King.

IT WILL STAND UP BETTER THAN ANY OTHER SORT.

No doubt but this is the heaviest yielding and finest appearing oats that has ever been introduced. It is a carefully selected and improved strain of the famous Old Bonanzas and thousands of farmers who have tested it in all sections of America are delighted with its enormous yield. Testimonials come from all sections of the country, giving astonishing reports of its earliness and immense crops.

YIELDS OF 75 TO 143 BUSHELS PER ACRE.

THERE'S ONLY ONE WAY TO MAKE YOUR FARM PAY, which many of the have discovered. It is this, keep up with the times, that is, get the best there is. You always want the most improved plow or rake, and you should be just as careful about your oats. Improvements are made right along in all kinds of seeds. The Bonanza King has been carefully selected and improved for several years, until it now stands at the head with a record that has never been equaled. **Price of Bonanza King Oats for 1900:** lb. 25c, 3 lbs. 70c, postpaid; by express or freight, pk. 35c, bu. \$1.00, 10 bu. \$9.00.

North Star. It is a heavy cropper, averaging 125 bushels per acre. The oats are very plump and extra early, making them invaluable to any farmer. They never lodge, but will stand and ripen in all weather. **Lb. 20c, postpaid; by express or freight, pk. 25c, bu. 85c, 2½ bu., bag included, \$1.75.**

Lincoln Oats. Very early and so far proven entirely rust proof: straw is stiff and strong, standing up well; the grains are very meaty and valuable for feeding on account of its thin hull and soft rib. **By express or freight, pk. 25c, bu. 85c, 2½ bu. bag \$1.75.**

Black Tartarian. The most prolific and distinct variety of black oats ever introduced; early, long, and strong straw; bears a short, plump grain. **Pk. 40c, bu. of 32 lbs., by express or freight, \$1.00, 10 bu. lots, \$9.00.**

Highland Beauty. See specialties, page 7.

Scottish Chief. See specialties, page 7.

Cow, or Southern Peas. There is no cheaper means of improving and increasing the productiveness of our soils than by sowing Cow Peas. It makes an enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous commercial fertilizers, and has the power to extract this costly nitrogen from the atmosphere and to store the same in the vines and roots, so that, if the crop is cut off, the land is still enriched and its condition improved. From 5 to 9 tons of green fodder per acre have been produced by the Cow Peas. To grow for hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver, it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre.

Black-Eye. A prolific vine-growing variety of merit. Seed often sold for table use. **Pkg. 10c, 5 lbs. 35c, 25 lbs. \$1.50, 50 lbs. \$2.75; 100 lbs. \$5.00.**

Clay, Whip-poor-will, Black, Wonderful. Well known varieties. Each, pkt. 5c, 5 lbs. 30c, 25 lbs. \$1.25, 50 lbs. \$2.50, 100 lbs. \$4.50.

Field Lupins. When young the plants are good for sheep. They are also valuable for soiling, They may be sown from April to July, and succeed well in the poorest soil; and many lands formerly poor have had their value greatly enhanced by plowing in the Lupins.

Velvet Beans. The wonderful new forage plant and crop renovator. **Lb. 20c, postpaid; bu. \$3.50.**

143 BUS. PER ACRE

JOHN S. & Co. Eng.



THE GREATEST WHEAT EVER OFFERED!

MAY'S EARLY WONDER SPRING WHEAT

MOST PROLIFIC, HEAVIEST STOOING AND THE BEST MILLING WHEAT THAT CAN BE GROWN

Description of Early Wonder.

This, together with Oats and Corn, is the greatest of all the farmer's crops, and no bright, intelligent man who wants to make his farm pay looks at the few extra cents that he has to pay for carefully improved seed stock of any kind. Our Early Wonder Wheat is the result of years of testing and experimenting with all the different varieties which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured a wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooing and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the Early Wonder Wheat, Bonanza King Oats and Mastadon Corn, the three heavy cropping farm favorites.

FIVE GOOD REASONS WHY "EARLY WONDER" SHOULD BE SOWN BY EVERY FARMER IN AMERICA.

1—It's the heaviest yielding wheat in the world. 2—It's perfectly hardy and can be grown in any section. 3—It's early, and this alone is a valuable point. 4—It makes the choicest flour and is the best milling wheat we know of. 5—It will increase your crops and bring you more money per acre than any other wheat.

Prices: By mail, pkt. (2 oz.) 10c, lb. 30c, 4 lb. \$1.00, postpaid; by freight or express, pk. 65c, ½ bu. \$1.00, bu. \$1.75, bag (2½ bu.) \$4.25, 5 bu. \$8.00.

THE NEW SPRING WHEAT. MINNESOTA No. 163.

This variety of wheat known as Minnesota No. 163, introduced by us last season through Prof. Hayes of the experimental department at St. Anthony Park, Minn., was the means of bringing out one of the most prolific, heaviest stooing varieties of Spring Wheat we know of. The ear is long, well filled to the point with fine seed. We offered it as a premium only. But the amount of wheat produced to the acre of the country have put us in shape to offer this wheat at a very reasonable price. Shows a greater yield than the other varieties, grades equally well, shows a great deal lower percentage of rust, and is not near as liable to lodge, being a more robust and stronger grower. The gluten test of flour being greater than the other sorts. The baker's sponge test all being in favor of Minnesota No. 163.

SEED CIRCULAR NO. 1.

Minnesota Experimental Station, St. Anthony Park, Minn., Mar. 28, 1899. A certified variety of wheat, Minnesota No. 163.

This circular is sent out with a new wheat named Minnesota No. 163, which was originated under a system of rigid selection. Its parent variety, Minn. No. 168 (Glyndon 811), is thought to be a variety of Red Fife wheat, though its name was lost by the burning of the station building in 1890. This parent wheat was grown at Warren, Marshall County, Minn., in 1890; at Glyndon, Clay County, Minn., in 1891; and at Power, Richland County, N. D., in 1892. At the last named place 400 kernels were planted in hills 12 inches by 18 inches apart, one grain in a hill. Plant 2001 yielded 15.4 grams of fine wheat. This being the heaviest yielder among the 400 plants, it was chosen as the mother plant of this new variety.

In 1893, 100 of the hardest seeds from this parent were planted at the College Farm, Fargo, N. D. (centgener 14301). After securing the best plants with which to continue the breeding experiments, and after discarding several of the poorest plants, the grain from the remaining plants of the plot was harvested in bulk. In 1894 this seed was planted in a small plot on University Farm, St. Anthony Park, Minn., and was increased so that in 1895 there was sufficient seed for a one-twentieth acre plot. In 1897 it was in the variety tests at University Farm, at Northwest Farm, Crookston, and at College Farm, Fargo, N. D. Owing to excessive rains in the Red River Valley just before harvest time, the conditions were so lacking in uniformity that the records of yields at Fargo and Crookston in 1897 have not been used in making up the average yields. In 1898, this wheat was in the variety tests at University Farm; at Northwest Farm, Crookston; at Northeast Farm, Grand Rapids; at College Farm, Fargo, N. D.; at College Farm, Brookings, S. D., and at College Farm, Ames, Iowa, all proving it to be a heavy yielding variety, superior to all others.

Lb. 20c; by express or freight, pk. 60c, bu. \$2.00.



Siberian Millet.

THE NEW
HEAVY YIELDING SIBERIAN MILLET.

Valuable for all sections of America. It is the greatest stoolet ever introduced. Six quarts will sow an acre. Try it. Nothing since our introduction of *Bromus Inermis* has created such a sensation in the farming sections of America as the Siberian Millet. It is, without exception, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety. It does not grow rank or coarse, ality that it is readily eaten. Although there are numerous blades, they are as fine as can be, making it of the greatest value to farmers everywhere. The various reports received from drought stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties failed almost entirely.

but the entire stalk is of such excellent

A FEW REASONS WHY THE NEW SIBERIAN MILLET IS THE BEST VARIETY EVER INTRODUCED.

1. No other millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other millet in yield.
4. It makes the best hay, as it produces the greatest profusion of blades, and is unequalled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit.

We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more, as it is very scarce at the present time, but the yield is so enormous that the first cost is very small compared with the returns. We want to call particular attention to the fact that our Seed is Northern Grown, and is consequently hardier and stronger in growth than that secured from lower latitudes. Price, \$1.10 per bu.; 10 bu. at \$1.00 per bu.

German or Golden Millet. No other forage plant ever introduced has had such enormous sales in all parts of the North, South and West as this variety, and very few forage plants can approach it in enormous yield under favorable circumstances. This is a medium early millet, growing from 3 to 5 feet in height and in good seasons has been known to produce over 5 tons of hay to the acre, and from 70 to 80 bushels of seed. It will grow in almost any soil or climate.

GERMAN MILLET—Lb. 20c, postpaid; by freight or express, pk. 40c, bu. \$1.00; bag (2½ bu.) \$2.25.

COMMON MILLET—By express or freight, pk. 30c, bu. 85c.

HUNGARIAN MILLET—Lb. 20c, 3 lbs. 50c, postpaid; by express or freight, pk. 40c, bu. \$1.00, bag (2½ bu.) \$2.30.

Creeping Bent Grass. (*Agrostis Stolomiera*.) Largely used in mixtures of grass seed for pastures and also for lawns. It will thrive on moderately moist lands and is a very desirable grass to be sown for croquet and small grass plots. For the last named purpose 1 pound will be sufficient to sow a space of 15x20 feet. Lb. 30c, pk. 90c, bu. (of 20 lbs.) \$3.50.

Crested Dog's Tail. (*Cynosurus Cristatus*.) A desirable dwarf-growing grass that is valuable for dry soils and hills pastured by sheep. It is also largely used in lawn grass mixtures on account of its dense growth and the fact that it is exceeding hardy and very little affected by either hot or cold weather. Sow 25 pounds per acre. Lb. 40c, pk. \$1.50, bu. (of 21 lbs.) \$5.00.

English Rye Grass. (*Lolium Perenne*.) This and Orchard Grass have sprung into popularity during the last two years, and the English, or, as it is often called, Perennial Rye Grass, has proven to be of great value for mixing with other grasses for pasturing. It succeeds in almost any soil, but gives the best results on moist lands. Sow 20 to 30 pounds per acre. Lb. 25c, pk. 65c, bu. (of 24 lbs.) \$2.25.

Italian Rye Grass. (*Lolium Italicum*.) A quick growing grass attaining a greater height than English Rye and is very desirable for meadows or permanent pastures. Thrives best on rich soils that are slightly moist. Sow at the rate of 20 pounds per acre. Grows easily, and bears an abundance of foliage that makes the best hay imaginable. Lb. 25c pk. 60c, bu. (of 18 lbs.) \$2.00.

Kentucky Blue Grass. (*Poa Pratensis*.) 14 pounds per bushel. Probably no other grass is so well known as Kentucky Blue Grass. It succeeds anywhere; is fine for dry meadow growth. Sow 3 bushels per acre. Cut as the seed begins to ripen and carefully spread out, protecting from moisture. Stack and shelter when dry. **BEST FANCY GRADE, Solid Seed**—Lb. 30c; by express or freight 5 lb. 60c, 25 lb. \$2.75. **EXTRA RECLEANED**—Lb. 25c, 5 lb. 55c, 25 lb. \$2.50. **PRIME RECLEANED SEED**—Lb. 20c, 5 lb. 40c, 25 lb. \$1.50.

Meadow Fescue or English Blue Grass. (*Festuca Elatior*.) Famous in Europe and very popular wherever known in America. Succeeds best on moist lands and is an excellent pasture grass when sown with other varieties. For permanent pasture an English authority says it is unequalled. Sow alone at the rate of 25 pounds per acre. Lb. 30c, pk. 85c, bu. (22 lbs.) \$3.00.

Meadow Foxtail. (*Alopecurus Pratensis*.) An erect perennial, in appearance slightly resembling Timothy. Valuable for permanent pastures and does best on good, moderately moist soils. If sown alone, use 25 pounds to the acre. The farmers in England consider it one of the best grasses on account of its enormous growth and enormous crops. Lb. 30c, pk. 60c, bu. (of 14 lbs.) \$2.25.

Orchard Grass. (*Dactylis Glomerata*.) An extremely early grass that thrives in almost any soil and does remarkably well even in the poorest soils. Valuable for pastures and is wonderfully productive. Orchard Grass is usually ready for cutting about 20 days ahead of timothy, and for mixing with other grasses it is unsurpassed. It grows rapidly and when sown alone will yield from one to three tons of hay per acre. For best results sow about 30 pounds to the acre. Lb. 30c, pk. 65c, bu. (14 lbs.) \$2.25.

Red Top. (*Agrostis Vulgaris*.) Particularly desirable for permanent pasture. Sheep like it either as grass or hay. Good for sowing on wet, undrained land that is occasionally overflowed. Sow about 14 pounds chaff per acre and one-fourth that amount of solid seed. Solid Seed, Fancy Stock, Grade A—Lb. 30c, pk. \$1.00,

Sweet Vernal. (*Anthoxanthum Odorum*.) Exceedingly valuable for mixing with pasture grasses, as it emits, when partially dry, a very fragrant odor that is considered very desirable for sweetening hay. It grows quickly in good soils, and when mixed with other grasses about 3 pounds are put into a mixture per acre. Lb. 25c, pk. 50c, bu. (14 lbs.) \$1.50.

Tall Meadow Oat Grass. (*Avena Elatior*.) Strong growing species of grass that often attains a height of 3 or 4 feet by the middle of June, and by many preferred to timothy. Makes splendid hay and thrives on sandy loam, but makes its best growth where there is some clay. Can be fed as a pasture grass, and will generally bear cutting three times. For mixing with Perennial Rye and Alfalfa for sandy soils it is excellent. Sow about 80 to 40 pounds per acre alone or half that amount mixed with the above varieties. Lb. 30c, pk. 60c, bu. (14 lbs.) \$2.10.

bu. (32 lbs.) \$4.00. Solid Seed, Grade A—Lb. 20c, pk. 30c, bu. (14 lbs.) 90c. Chaff, Grade B—Pk. 25c, bu. 75c.

Rhode Island Bent Grass. (*Agrostis Canina*.) A valuable perennial for lawns and pasturage. Much like Red Top, though smaller. Thrives on light dry soils as well as on rich, moist ones. For lawn purposes, if sown alone, it should be sown at the rate of about 40 pounds per acre; for pasture, if used alone, 24 pounds per acre. Lb. 40c, pk. \$1.00, bu. (14 lbs.) \$3.50.

Sheep's Fescue. (*Festuca Ovina*.) A valuable short and dense growing grass that is greatly relished by sheep and is used in many of the best grass mixtures. Although not so tall in growth as Meadow Fescue, it is deep rooted and therefore valuable for sections affected by drought. We do not think it can be too highly recommended for sheep pastures. Sow 35 pounds per acre. Bu. (12 lbs.) \$2.00.

GRASS SEED.==Continued.

Grasses, Clovers, etc., are subject to market fluctuations. Should our present stock become exhausted we will fill orders at market prices.

Johnson Grass. We have experimented with this new grass for several years, and find that it winter-kills in the northern parts of this state; in the extreme southern parts of this state and the southern states it does well. A perennial, a rapid grower, long, cane-like roots; the leaf, stock and panicle of this grass resembling those of other Sorghums. It grows on any land where corn will grow, and, like corn, will bear heavy manuring, yielding richly in rich ground. In fact, the richer the land the better the crop. Twenty-five to thirty pounds will sow an acre. **Lb. 30c, pk. 80c, bu. (25 lbs.) \$3.00.**

Bermuda Grass. This plant has long been naturalized in the southern states. It is a tender, delicate grass, growing over and binding the most arid and loose land, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Three to five pounds will sow one acre; seed very scarce and difficult to obtain. **Oz. pkt. 15c, 1/4 lb. 50c, lb. \$1.25, 5 lbs. \$5.00.**

Timothy. (*Phleum Pratense*.) This seed is worth double that grown in lower latitudes. Try it and be convinced. One of the most valuable grasses for all parts of America. It thrives best on moist loamy soils and under favorable conditions usually attains a height of about four feet. It is a grass that is relished by all kinds of stock, but particularly so by horses, as it yields a larger percentage of nutritive matter than any other early grass. It is not a success as a pasture grass but of great value for hay. Our knowledge of the different kinds of Timothy proves to us that the seed we offer is of unusual vigor and the yield certain to surpass that of seed grown in the middle and southern states. Sow at the rate of 12 pounds per acre. **Grade A, lb. 25c, pk. 75c, bu. (45 lbs.) \$2.75. Grade B, pk. 65c, bu. \$2.25.**

Teosinte. (*Beana Luzuriensis*.) A wonderfully prolific forage plant which somewhat resembles corn, but the leaves are broader and the stalk contains a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season, and when allowed to remain without being cut attains a height of 12 feet. Our experience shows that it is particularly adapted to the middle and southern states. Seeds should be sown after the ground is perfectly warm and the weather settled, at the rate of about 4 pounds per acre. The best plan is to plant in drills, three feet apart, putting in 3 seeds about every 12 inches in the drill. **Per lb. \$1.25.**

Serredella. The greatest honey producing plant in the world. Its nutritive value is superior to any soil and doing equally well in any locality. All kinds of cattle like it and sheep are particularly fond of this splendid plant. Our supply has been obtained direct and the seed which we offer is of the finest quality. **Lb. 25c, 3 lbs. 60c, postpaid.**

Sainfoin or Esparcette. (*Onobrychis Sativa*.) A most valuable fodder plant that is largely grown in Europe and in France. While not as long lived as Alfalfa it will generally last from 10 to 12 years. It is an excellent plant for feeding to cows, as it greatly increases the quantity and richness of the milk. To obtain the best results seed should be sown early in the season and covered about two inches deep, and the soil firmed with a roller. Sow 40 pounds per acre. **Lb. 25c, postpaid; pk. (of 5 lbs.) 50c, bu. (of 20 lbs.) \$1.90.**

Alfalfa. (*Medicago Sativa*.) Also called Lucerne, Eternal Clover, and Wonder Clover. This is truly the farmers' friend. It has been grown in almost every portion of America and reports from the Northwest prove it to be one of the most desirable forage plants ever introduced. It stands drouth and dampness, and succeeds during hot, dry weather when many other clovers and grasses fail entirely. Heavy rains or snows have no damaging effect whatever, and simply make it flourish more than ever. As a fertilizing, land-enriching crop it is unequalled. The roots sink down into the earth searching for nourishment and bringing to the surface the chemicals and fertilizing materials that have been stored 10 to 15 feet deep. One seeding stands for years. All cattle are fond of it. Horses, cows, pigs and sheep relish it, and we believe it one of the best things that can be fed to cows, and it certainly increases the flow of milk wonderfully. If possible sow with oats (try Bonanza King and then you will have two good things growing at once on the same land) at the rate of 15 pounds per acre, or if the land is very poor sow three pounds more. The first season the growth will be very light, but don't be worried if the plants are small and several inches apart, for that means the next season you will probably get from 3 to 5 tons per acre, and it increases for several years, producing as high as ten tons, but that is a very large yield. It should be cut when in full bloom, but don't cut too early and be careful not to allow it to become water-soaked after cutting, as it greatly reduces its value for feeding. Don't feed hungry stock on it when green, as it is likely to bloat them, for they invariably over eat; by this we mean not to turn hungry stock loose in a field of Alfalfa. **Grade A, lb. 25c, pk. \$2.00, bu. (60 lbs.) \$7.50; grade B, pk. \$1.75, bu. \$6.50.**

Crimson Clover. (*Trifolium Incarnatum*.) This is an annual variety which has been grown largely in the southern, middle and northern states. In good ground it often grows to the height of 2 feet, and even in poor soil where red clover fails it will make a splendid growth. The yield in fodder is immense, and after cutting it at once commences to grow again and continues until cold, freezing weather. Sow at the rate of 10 pounds per acre. **Lb. 25c, pk. \$1.60, bu. (60 lbs.) \$6.00.**

Alsike or Swedish Clover. (*Trifolium Hybridum*.) Known the world over for its hardiness. It is without doubt the hardiest clover we have ever grown, standing 40 degrees below zero without the slightest damage and flourishing during the summer heat, as though its home were in the far South. It is a great favorite with bee raisers and its flowers have a sweet and agreeable odor, it is also valuable for mixing with other clovers, as it forms a thick bottom and increases the yield of hay. Sow at the rate of 10 pounds to the acre. **Grade A, lb. 35c, pk. \$2.65, bu. (60 lbs.) \$10.00; grade B, pk. \$2.25, bu. \$8.75.**

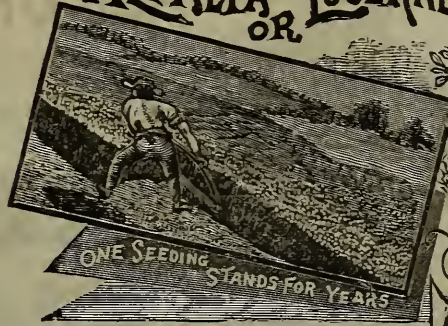
Medium Red Clover. (*Trifolium Pratense*.) This is also listed as "June Clover" by some firms, but it is simply Red Clover and we don't want the farmers to think it's anything else. Our seed is carefully grown and selected for seed purposes and we know the Gov. Report will back up our claim, which is, that there is no other firm in America more particular regarding the purity of their seeds than ourselves. About 15 or 18 pounds are sown to the acre. For pasturage when sown with grasses it is excellent. It attains a height of three feet; is by many said to be the best clover for hay. We are not going to say (as some of our competitors do) that we are the only seedsmen in America who grow Grass and Clover seeds or that can supply good seed, but there is no firm in the West or Northwest that can beat our "Selected" Medium Red Clover. They may have just as good but they can't possibly have seed that will surpass it in hardiness and vigorous, rapid growth. Weight 60 pounds per bushel. **Grade A, lb. 30c, pk. \$2.00, bu. (60 lbs.) \$7.50; grade B, pk. \$1.75, bu. \$6.75.**

Mammoth Red Clover. (*Trifolium Pratense Perenne*.) Also called English and Sapping. Tall growing species that is used by farmers for hog pasture. It makes a marvelous growth in rich loamy soils and a splendid showing on thin land. Ripens with Timothy and should be sown with it, using about ten or twelve pounds per acre and twenty pounds of Timothy. Popular for plowing under as a fertilizer. **Grade A, lb. 30c, pk. \$2.00, bu. (60 lbs.) \$7.50; grade B, pk. \$1.75, bu. \$6.75.**

White Clover. (*Trifolium Repens*.) A small headed white species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. Usually about six pounds are sown to the acre. **Grade A, lb. 30c, pk. \$2.75, bu. (60 lbs.) \$10.50; grade B, pk. \$2.50, bu. \$9.50.**

Bokhara Clover. (*Melilotus Leucantha*.) A rather tall growing white-flowered variety that is excellent for bee food, for which purpose it is largely grown in many sections. The best results are obtained by sowing it in the early spring in drills 12 inches apart, sowing 10 pounds per acre. **Lb. 25c, pk. \$3.50, bu. (60 lbs.) \$12.00.**

ALFALFA OR LUCERNE



Red Clover.





Prices quoted by the pound include the prepayment of postage by us. In comparing prices on potatoes by the peck, bushel or barrel, remember we make no charge for bags, boxes, barrels or cartage, but deliver free to any railroad station in St. Paul.

AN AGRICULTURAL WONDER.

THE ALGOMA POTATO.

EXTRA EARLY.
FINE SHAPE.
ENORMOUS YIELDS.

A new Potato that is certain to take the lead with growers who desire a first class early variety that is productive and sure to yield a good crop even in the most unfavorable seasons. Market gardeners and all others who grow potatoes cannot afford to overlook this wonderful variety. Its certainty to produce a big crop, fine appearance and enormous yield have called forth a testimonial from some of the most experienced potato growers in America, "The Rural New Yorker," the great agricultural paper of the East, says: "From time to time we have dug a hill of the varieties that claim to be the earliest now on trial on the Rural grounds. Thus far Algoma from L. L. May & Co., of St. Paul, Minn., has given the best yield. It is a most shapely potato, being smooth, oblong and slightly flattened." S. RICE, Bear Lake, Mich., writes: "Am very much pleased with your Algoma." J. C. HUSKINS, Avoca, Ark., writes: "Your Algomas are A No. 1. A fine potato." M. C. HULL, Lebanon, Mo., says: "I just dug one hill of Algomas containing twenty potatoes."

Lb. 40c, 3 lbs. \$1.00, pk. 65c, bu. \$2.25, barrel, \$5.00.

Sir Walter Raleigh. This has been quite extensively tested, and it is ranked as the best of Mr. Carman's introductions. The tubers are large above the average, very white fleshed and fine grained, quality every way first-class. At the Rural ground it proved to be the best cropper of forty-nine varieties. Among a number of seedsmen who have tested them there is a general enthusiasm in its favor. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.50, bbl. (of $\frac{2}{3}$ bu.) \$3.50.

Early Ohio. It is so well known as to need hardly any description. It is one of the very best early potatoes, and, above all, is always fit for use before fully ripe. Many growers consider it, and justly too, the most profitable market variety. Our stock is extra carefully grown and selected, the result of 20 years' work by one of the most noted potato growers in America. We can recommend it to all desiring the true Ohio. Lb. 30c, 3 lbs. 75c, pk. 40c, bu. \$1.00, bbl. (of $\frac{2}{3}$ bu.) \$2.50.

Great Divide. A grand new variety. The most robust growing, largest yielding, longest keeping, and best shipping main crop white potato in America. In fact, it is a peer of the Burbank in its palmiest days, while it is adapted to a greater variety of soils and climates. Our stock is exceptionally fine. Remember all our stock is true to name, grown for us by the originator. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.50, bbl. (of $\frac{2}{3}$ bu.) \$3.50.

Gem of Aroostook. A robust, healthy grower, of excellent quality for table use, either baked or boiled; is dry, floury and white. For handsome tubers and large yield it is not surpassed. Potatoes color differently in different soils and localities and this one came pure amber color the past season in one locality, and pink in another, where it was sent for trial. We recommend this as the best second early; to secure it order early, as our stock is limited. Lb. 30c, 3 lbs. 75c, pk. 60c, bu. \$2.00.

May's Late. This is by far the best potato for general and late use we know of. Flesh white, cooking qualities unsurpassed. Vines of vigorous growth, and will stand the drought better than most varieties. The tubers of uniform size. We regard this as the most valuable late variety. It is enormously productive, and the most profitable potato that can be grown. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.50, bbl. (of $\frac{2}{3}$ bu.) \$4.00.

Early Harvest. A beautiful oblong early potato of the greatest vigor and a heavy yielder. For an early potato this has no superior. Resembling somewhat the Polaris, but much more vigorous and productive, and of the very best quality. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.25, bbl. (of $\frac{2}{3}$ bu.) \$3.00.

The Vigorosa Potato. A fine potato, not as early but equal to Early Ohio in quality, and far ahead in quantity. In yield it is as satisfactory as the main crop varieties, and is a handsome and salable market sort. Its name was suggested by its wonderfully vigorous habit of growth. Our personal experience on our trial grounds, at Mayfield, induces us to safely recommend it as a variety worthy of a place in your garden. Lb. 30c, 3 lbs. 75c, pk. 50c, bu. \$1.25, bbl. (of $\frac{2}{3}$ bu.) \$3.00.

Pingree. A fine table, and long keeping potato for main crop. The tubers are bunched closely in growing, which materially lessens the labor of harvesting. The skin is of a bright, light russet color, flesh snowy white when cooked. It is of excellent quality and yields abundantly. Lb. 30c, 3 lbs. 75c, $\frac{1}{4}$ bu. 60c, bu. \$2.00, bbl. (of $\frac{2}{3}$ bu.) \$4.75.

Early Fortune. A strong grower. In form and color it resembles the Early Rose, but in quality it surpasses it. The quality, shape and color are of the best. We have raised this potato ourselves on a large scale, and find it to be a very early sort and a splendid cropper. Our customers can make no mistake in planting the Early Fortune. Lb. 30c, 3 lbs. 75c, bu. \$1.25, bbl. (of $\frac{2}{3}$ bu.) \$3.00.

SPECIAL OFFER.

1 pound each of the above 10 varieties by express or freight at purchaser's expense for \$1.50. 1 peck of each of the above 10 varieties for \$4.50. 1 bushel of each for \$13.50.

The Acme Tubular Potato Planter for only \$1.15.

This is undoubtedly the most improved, strongest and yet the most simple planter on the market at the present time. It plants uniformly in all kinds of soil. It is far ahead of the common Acme, and experience proves to us that it is worth twice as much to any farmer. It does its work quickly, and equally as well as many of the potato planters sold at ten times its price.



Preparation and Care of Lawns.

Nothing adds more to the attractiveness of a city or suburban home than a nice, clean, well kept, velvety lawn. Thousands of dollars are annually spent for sodding, which might be saved and better results obtained by sowing a choice mixture of lawn seed. In preparing the soil for a lawn see that it is thoroughly worked fine and mellow to a depth of 8 or 10 inches and well drained. If the soil is sandy, take off the top to a depth of 12 or 15 inches. In the bottom place a layer of stiff clay 4 or 5 inches in depth. This will retain the moisture and obviate frequent and excessive watering with the hose. Cover this layer of clay with a finely pulverized, mellow soil, not too rich, but good enough to produce a healthy growth of grass. If possible, seed bed should be prepared in the fall, leveled and rolled, and the seed sown in the early spring as soon as the ground can be worked. If there are any slopes south facing, the soil on these should be much deeper than elsewhere, to prevent its drying up quickly.

One pound of bone meal to each 20 square feet of surface, well raked in before sowing the seed, will be found very beneficial and promote the growth of the young plants.

Seeding. Lawn seed may be sown at any time, provided that drought or moisture is not excessive. A dry time is the best for sowing, as raking is then more effectual, and the ground may then be walked on with impunity. Choose a calm day, as the seed is so light. When sown, rake in lightly, using a rake with the teeth not too close together; then roll in with a light roller. Then moisten the ground, using as fine a spray as possible. The best time for watering is in the evening.

Top Dressing. Cut the grass often and leave cuttings on the lawn. The increasing richness of the soil from vegetable accumulations is one reason why old lawns are better than new.

Do not cover the lawn all over with stable manure which is to remain there all winter as an offense to the eye, the nostrils and the feet. There is nothing more disgusting than this turning a lawn into a barn-yard, and there is no necessity for it.

The Quantity of Seed to Sow depends somewhat on soil, location, etc. We recommend using one quart for each 200 square feet of surface for small lawns. For larger plats from three to four bushels per acre are required.

The Quality of Seed Sown has much to do with the making of a nice lawn. The mixtures we offer are made from our own special formulas, some of them containing 15 or 20 varieties which experience has shown are best adapted to making nice green lawns. The seed is all re-cleaned and free from seeds of weeds and foul grass. Seedsmen are sometimes censured for the appearance of Crab, or Fall Grass, in lawns, but the fact is that the varieties used in lawn mixtures are perennials, seed of which is harvested in early summer, while the Crab Grass is an annual, which matures its seed in September and October. These seeds remain in the ground until conditions are favorable for their germination. Care should be taken to eradicate this coarse grass as fast as it appears.

To Grass a Bank or Terrace. For each square rod, take a pound of lawn grass seed and mix it thoroughly with 6 cubic feet of good, dry garden loam. Place in a tub and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth and then well watered, after which the paste should be applied and made as even and as thin as possible.

Good Lawns can be kept in fine condition by the use of our lawn dressings. The Odorless is the nicest to handle and is prepared so as to act gradually throughout the season. It may be applied at any time during the spring, summer or fall, as the grass may need nourishment. It will restore lawns that are apparently ruined by drought.

For Prices on Lawn Dressings see page 109.

Prices on quarts include prepayment of postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

May's Terrace Sod Mixture. A special mixture of grasses for sowing on terraces and side hills, producing strong, spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils and at the same time produce a rich green lawn throughout the season. Qt. 35c, pk. \$1.75, bu. \$6.50.

Central Park Mixture. For lawns of any extent we recommend this as our best mixture, to be sown three or four bushels to the acre. Qt. 20c, pk. \$1.10, bu. \$4.00.

Shady Nook Mixture. In many lawns where there are large shade trees there are shady places where ordinary grass mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. Qt. 35c, pk. \$1.75, bu. \$6.50.

Our Special Clover-Grass Mixtures Suitable for All Soils.

With the growing demand for extra fine pastures and meadows during the past few years, we have had numerous inquiries from our patrons, asking us to make different mixtures for different soils and requirements. Following we give a number of high grade mixtures, suitable to all soils and requirements.

These Clover-Grass Mixtures are selected with the greatest of care and composed of such varieties as are best adapted for different kinds of soils and various purposes. From our own experience, as well as from the experience gained by corresponding with our customers in every part of the country, we are enabled to select in these Clover-Grass Mixtures not only the varieties as are suited to the soil, but have them in the right proportion in each mixture. In every instance we mention the quantities which we recommend to be sown per acre; and not only have these proven to be sufficient in our own experiments carried on during several years, but they have proven to be equally successful and sufficient with our patrons.

Prices—Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, at 20c per lb., postpaid; 5 lbs. 60c, 100 lbs. \$11.00, at purchaser's expense. No. 10, 22c per lb., postpaid; 5 lbs. 70c, 100 lbs. \$13.00, at purchaser's expense.

Clover-Grass Mixtures for Permanent Meadows.

No. 1—For moist ground and rich soils. Sow 18 lbs. per acre.
Meadow Foxtail. Italian Rye Grass. Sweet Vernal.
Meadow Fescue. Timothy. Alsike.

No. 2—For moist ground which is occasionally overflowed. Sow 16 lbs. per acre.

Tall Fescue. Red Top. Timothy.
Meadow Fescue. Meadow Foxtail. Alsike.

No. 3—For high and dry ground, light or medium soils. Sow 20 lbs. per acre.

Red Fescue. Timothy. Red Clover.
Crested Dogtail. Sweet Vernal. Lucerne.

No. 4—For high and dry ground, heavy or strong soil. Sow 20 lbs. per acre.

Tall Meadow Oat Grass. Sweet Vernal. Timothy.
Hard Fescue. Red Top. Red Clover.

Meadow Fescue. English Rye Grass. Alsike.

No. 5—For top seeding on marshes and swampy places, occasionally overflowed, the following mixture is adapted. Sow 10 lbs. per acre.

Meadow Foxtail. Tall Fescue. Floating Meadow Grass.
Red Top. Water Spear Grass.

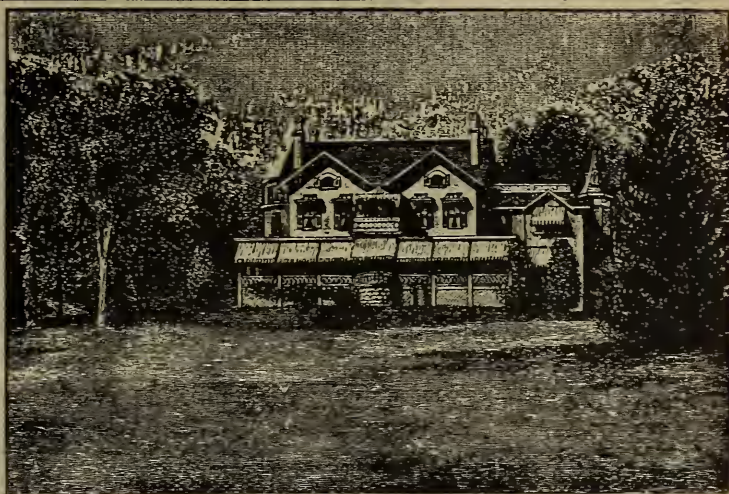
No. 6—For light, sandy and gravelly soils. Sow 20 lbs. per acre.

White Clover. Hard Fescue. Soft Brome Grass.
Red Top. Rescue Grass. Bromus Inermis.

Clover-Grass Mixtures for Permanent Pastures.

No. 7—For moist ground and rich soils. Sow 20 lbs. per acre.

Meadow Fescue. English Rye Grass. Red Top.
Fowl Meadow. Italian Rye Grass. Alsike.



Evergreen Mixed Lawn Grass. This is a good mixture, but does not include so great a number of expensive grasses as Central Park Mixture. Qt. 15c, pk. 75c, bu. \$2.75.

May's Special Golf Link Mixture. This mixture is composed of grasses best suited for golf links, and is the result of experiments conducted on our grounds, as well as careful watching for several years of the practical results obtained on golf links sown with our grass seeds. By the use of these mixtures and with proper care and attention, the finest golf links in the world can be successfully rivaled. Qt. 25c, pk. \$1.25, bu. \$4.50.

Tennis Court Mixture. Composed of a variety of fine, dwarf, close growing grasses, which will furnish a fine, thrifty and always green sod. Qt. 30c, pk. \$1.50, bu. \$5.50.

Meadow Foxtail. Blue Grass. White Clover.
Orchard Grass. Timothy. Red Clover.

No. 8—For high and dry ground, clay or heavy soils. Sow 22 lbs. per acre.

Red Fescue. English Rye Grass. Timothy.
Meadow Fescue. Italian Rye Grass. Red Clover.

Tall Meadow Oat Grass. Blue Grass. White Clover.
Orchard Grass. Alsike.

No. 9—For high and dry ground, light soils. Sow 22 lbs. per acre.

Hard Fescue. Lucerne. English Rye Grass.
Red Fescue. Yellow Oat Grass. Red Clover.

Meadow Fescue. Red Top. White Clover.
Crested Dogtail.

No. 10—To improve pastures by top seeding, or for low, rich, marshy ground. Sow 10 lbs. per acre.

Fowl Meadow. Tall Fescue. Creeping Bent.
Red Top. Alsike.

No. 11—For top seeding for wood pastures, orchards and other shady places. Sow 10 lbs. per acre.

Tall Meadow Oat Grass. Sweet Vernal. Timothy.
Grass. Orchard Grass. White Clover.

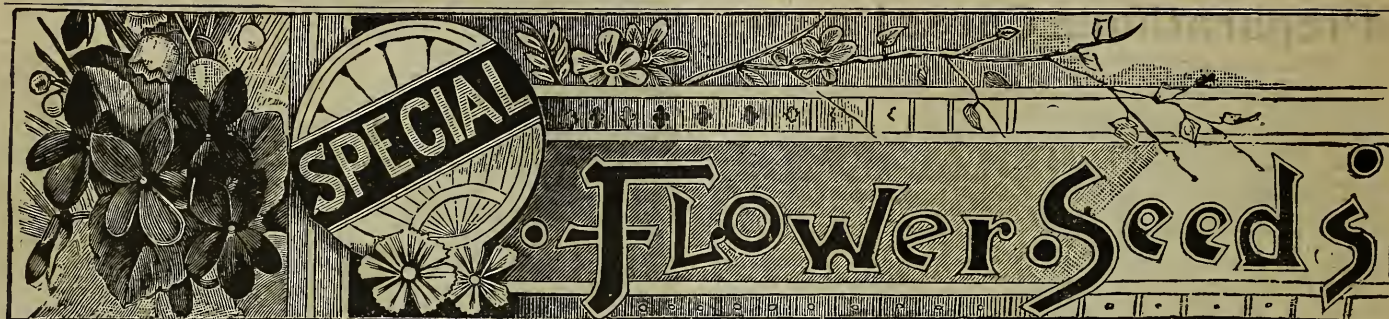
Meadow Foxtail. Blue Grass. Alsike.

No. 12—For sheep pastures on light, sandy soils, or dry uplands and hillsides. Sow 22 lbs. per acre.

Sheep's Fescue. Crested Dogtail. Sweet Vernal.
Hard Fescue. White Clover.

No. 13—This is intended for dairymen and others who wish to mow an early crop of hay, and use the meadows for pasture the remainder of the season. Sow 20 lbs. per acre.

Timothy. Orchard Grass. Tall Meadow Oat Grass.
Red Clover. Meadow Foxtail. English Rye Grass.
Alsike. Meadow Fescue. Italian Rye Grass.



A FEW WORDS ABOUT OUR FLOWER SEEDS.

After many years experience in growing and handling flower seeds, in which time we have tested thousands of varieties, discarding a great many as worthless, we present herewith a list of choice varieties such as we know are of easy culture and well fitted for successful cultivation by amateurs. Each year we add new varieties and discard old ones and by this selection keep constantly before our customers choice stocks. Our Seeds are all Tested and we are positive that none but those of high germinating qualities go to our patrons.

All flower seeds sent free by mail on receipt of price. Full cultural directions are given on back of each package, and if such instructions are followed out, success is certain.

Annuals bloom and die the first season from seed.

Biennials are varieties which produce leaves the first year and bloom the following season; however, a large number, if the seed is sown early, will produce an abundance of flowers the first season.

For the information and guidance of our customers we have plainly marked the class to which each variety belongs, so that at a glance anyone can tell whether they are annuals, biennials or perennials.

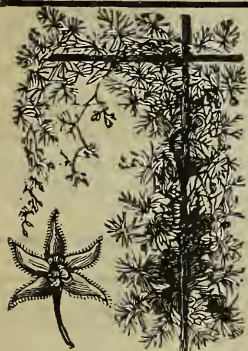
CULTURAL SUGGESTIONS.

Perennials are varieties that last year after year and blossom annually. In following closely the brief hints given below on sowing and cultivating flowers, amateurs cannot but succeed well in raising flowers from our seeds and to their entire satisfaction. One thing must always stand predominant in the minds of those who really want to be successful in their efforts to raise flowers, viz.: the fact that all flower seeds must be carefully treated according to the conditions of their nature; if this principle is rigidly adhered to, success will be assured.

The Soil. This is one of the most important things to be considered, and strict attention should be paid to its preparation. For flowers a light loam is best adapted, mixed with a small proportion of sand, sufficient to render it porous; it should be deeply dug and thoroughly pulverized, fertilizing it with an abundance of well-rotted manure, according to the character of the plant to be raised, some doing better in poorer soil, but for the general run of flowers, well tilled and well manured soil brings the best results.

Sowing. Too much attention cannot be paid to sowing seeds with proper care, for herein, in a great many cases, lies the secret of the successful gardener. Too light or too heavy a covering of seeds often produces the most disastrous results. For example: a customer of ours complained that his Lobelia seed failed to make even an appearance of growth; upon inquiry we found that he had sown and covered it with two inches of soil; we pointed out his error, and gave him more seed, instructing him to scatter it merely on top of the soil, and to press smooth with some flat instrument. The result was just exactly what we expected. He wrote, stating that he never had such a fine growth in anything before. A simple rule to follow is, never sow fine seed deeper than half an inch; extra fine seed on surface only, pressing the soil firmly; coarse, heavy seed from one to two inches; water lightly and often, until the seeds are started, then night and morning will be sufficient.

Transplanting. To procure strong and healthy plants, transplanting is a process which should never be neglected. It gives the plant strength, symmetry and beauty, and renews its life to a marked degree. Transplant from seed bed when plants are two inches high, into pots, boxes or whatever place intended; if the plants seem to go back, and wither a little, don't think they are about to die; it is only the homesickness of a young life leaving the place of its birth. A few days will suffice for them to lift their heads, when attention and due care will do the rest.



Abroba Viridiflora.

Read This!

PURCHASERS remitting \$1.00 may select flower seeds in packets at catalogue prices amounting to \$1.30
 PURCHASERS remitting \$2.00 may select flower seeds in packets at catalogue prices amounting to \$2.60
 PURCHASERS remitting \$3.00 may select flower seeds in packets at catalogue prices amounting to \$3.90
 PURCHASERS remitting \$4.00 may select flower seeds in packets at catalogue prices amounting to \$5.20
 This discount does not apply to any of our Special Offers.

ABROBA VIRIDIFLORA. (See cut.) Perennial. A charming, quick growing half hardy climber with rich dark green foliage and bright scarlet fruit. The vine presents a most graceful appearance, but seldom grows to a height of over eight feet. It is valuable for trellises or small arches.

Pkt. 5c.

ABRONIA. Sand Verbena. Annual. Pretty trailing plants, producing clusters of sweet-scented, Verbena-like flowers, especially fragrant towards evening and lasting in bloom a long time; effective in beds, rock work, or hanging baskets; doing best in rather poor, light soil. Peel off the husk before sowing the seed. Height 12 inches.

Arenaria. A beautiful yellow variety. Pkt. 5c.

Umbellata. Rosy lilac, with a white eye. Pkt. 5c.

ABUTILON. (See cut.) Chinese Bell-Flower or Flowering Maple. Tender Perennial. Elegant flowering shrubs of strong growth and easy cultivation, free-flowering, with various colored, beautiful, drooping, bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown anytime before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season.

Fine Mixed. Of choice varieties and colors. Pkt. 15c.

Boule de Neige. Pure white. Pkt. 25c.

ACANTHUS LATIFOLIUS. Hardy Perennial. Fine stately foliage plants with broad, ornamental leaves, and throwing up long spikes of bloom. Pkt. 5c.



Abutilons.

ACONITUM, NAPELLUS. (See cut.) Monk's Hood or Wolfsbane. Hardy Perennial. Free-flowering, hardy plants, blooming quick from seed. The plant succeeds in almost any soil, and bears spikes of curiously shaped white and blue flowers. Pkt. 5c.

ACROCLINIUM. (See cut.) Annual. Pretty, everlasting flowers. Plants grow about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

Album. White. Pkt. 5c.

Roseum. Bright rose. Pkt. 5c.

Mixed. All colors. Pkt. 5c.

ADLUMIA CIRRHOSA. (See cut opposite page.) Mountain Fringe, Allegheny Vine, or Climbing Fumitory. Hardy Perennial. A graceful hardy climber, the feathery foliage closely resembling that of the Maiden-hair Fern. The flowers are tube-shaped, flesh colored, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Pkt. 10c.

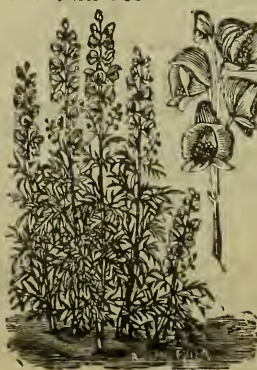
ADONIS. Pheasant's Eye. Showy plants of easy culture, with pretty, fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a light center.

Aestivalis. Annual. Scarlet blossoms. Pkt. 5c.

Vernalis. (See cut.) Perennial. Fine yellow blossoms. Pkt. 5c.



Acroclinium.



Aconitum.



Adonis Vernalis.



Allegheny Vine.



African Forget-me-not.



Aquilegia.



Ageratum. Blue.

AGERATUM. (See cut.) *Floss Flower.* Annual. Charming free blooming annuals growing from 8 to 16 inches in height and bearing clusters of round, tassel-like flowers in great abundance during the summer. Fine for boxes, baskets and borders. Blue, pkt. 5c; White, pkt. 5c; Lasseaux, Rose, pkt. 5c; Mixed, pkt. 5c.

AGROSTEMMA. (See cut.) *Rose of Heaven.* Annual. Popular flowers growing about 15 or 18 inches in height. Colors range from crimson and deep rose through the shades of pink to almost white. They are very desirable for cutting, to be used in bouquets, and make a most beautiful display when grown in masses in beds. Mixed colors. Pkt. 5c.

ALONSOA. Annual. Bright little flowers, producing scarlet and white flowers in great profusion. Pkt. 5c.

ALYSSUM. Annual. Pretty little plants for beds, vases, baskets, edgings or rock-work, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

1. *Little Beauty.* (See cut.) Of dwarf, compact habit, seldom attaining a height of over 8 inches, and literally covered with pure white blossoms. Pkt. 10c.

2. *Golden Star.* Hardy Perennial. Dwarf growing, rich golden yellow. Blossoms profusely the first year. Pkt. 10c.

3. *Sweet Scented.*—The well known common variety, valuable for bedding and pot culture. Pkt. 5c.

AMARANTHUS. Annual. Very stately upright-growing ornamental plants that are particularly desirable for growing on the edges of large flower beds. They succeed best on rather sandy soil.

1. *Caudatus.* *Love Lies Bleeding.* Blood-red, drooping; 3 feet. Pkt. 5c.

2. *Salicifolius.* *Fountain Plant.* Of pyramidal, drooping habit, branching close to the ground. Pkt. 5c.

3. *Tricolor.* *Joseph's Coat.* Leaves red, yellow and green; 3 feet. Pkt. 5c.

4. *Tricolor Splendens.* An improvement on the old sort, of more brilliant coloring; a beautiful ornamental plant. Pkt. 5c.

5. *Mixed.* All the above and many others. Pkt. 5c.

AMPELOPSIS VEITCHI. *Japan or Boston Ivy.* Perennial. A valuable, hardy climber. It grows rapidly to a height of 30 or 40 feet, clinging tightly to wood, brick or stone, and bears an immense mass of foliage the entire length of the vines. The leaves are glossy green during the summer months, changing to a beautiful red in the fall. Perfectly hardy in all sections. Pkt. 10c.

AUCHUSA CAPENSIS. (See cut.) *African Forget-me-not.* Annual. One of the loveliest flowers that can be grown. Was introduced into this country from South Africa, and resembles greatly in shape and color of flower our well known Forget-me-not. It grows about two feet high, branches freely, and bears a profusion of bright blue blossoms through the summer months. For outdoor growing, either in beds or boxes, it is one of the grandest flowers that can be found in the entire collection of rapid-growing annuals. Pkt. 10c.

ANEMONE. *Windflower.* Hardy Perennial. A very pleasing, hardy, flowering plant; easily grown from seed, producing large flowers. Few plants can compare with them in beauty and brilliancy; fine for bouquets.

1. *Coronaria.* *Mixed.* *Poppo Anemone.* All colors. Pkt. 5c.

2. *St. Brigid.* A beautiful variety, producing in great profusion single, semi-double and double flowers in an endless variety of colors, measuring from 3 to 5 inches in diameter. For cutting they are unsurpassed and flower in the garden until after frost. Sown early, they bloom the same season and, being perfectly hardy, will blossom more profusely the second year and ever afterward. Pkt. 10c.

ANTIGONON. *Mexican Mountain Rose.* (See cut.) Annual. To secure the best results seed must be sown early in the house and the plants set out after all danger from frost is over. Flowers, which are of rich carmine scarlet shade, are borne in great clusters the entire length of the vine. It is a beautiful and rapid-growing climber and valuable alike for the shade it affords and the blossoms it produces. Pkt. 10c.

ANTIRRHINUM. *Snapdragon.* Perennial. One of our most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil, and are very effective in beds. They bloom the first year from seed. 1 to 2 feet high.

1. *Tom Thumb.* *Mixed.* Fine selection. Pkt. 5c.

2. *Tall.* *Mixed.* Choice varieties. Pkt. 5c.

3. *Grandiflora.* *Mixed.* See specialties.

4. *Sunrise.* (See cut.) The most beautiful, dwarf-growing, bushy variety ever introduced. Flowers are a handsome shade of yellow and produced in great profusion the entire season. It is not only desirable for beds and groups but also for pot culture, the charming bright blossoms and upright habit of the plant making it very desirable for this purpose. Pkt. 10c.

AQUILEGIA. (See cut.) *Columbine.* Hardy Perennial. Charming, hardy plants growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy plants.

1. *Chrysantha.* *Golden Spurred.* Bright golden yellow; 3 feet high. Pkt. 5c.

2. *Chrysantha Alba.* *White Spurred.* A beautiful pure white variety. Pkt. 10c.

3. *Coerulea.* *Rocky Mountain Columbine.* Violet blue and white; 2 feet. Pkt. 10c.

4. *Glandulosa.* Lovely shade of light blue and pure white; 2 feet. Pkt. 15c.

5. *Single.* All colors mixed; 2 feet. Pkt. 5c.

6. *Double.* All colors mixed. Pkt. 5c.

ARABIS ALPINA. *Rock Cress.* Hardy Perennial. The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright leaves and covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edgings of hardy borders. Withstands the drought of summer and is always neat. Pkt. 10c.

ARGEMONE GRANDIFLORA. *Prickly Poppy.* Annual. Remarkably distinct plants, both in flower and foliage; their large, white, poppy-like flowers are effective in the border. Pkt. 5c.

ARNEBIA CORNUTA. Annual. A charming plant, growing in bushy form about 2 feet high and about the same breadth. It blooms with profusion the whole summer. Beautiful flowers, $\frac{1}{2}$ of an inch across, of a rich primrose yellow, marked with 5 black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear, bright yellow. Pkt. 15c.

ARISTOLOCHIA SPLENDENS. Annual. One of the most beautiful and showy climbers in our entire list. The flowers are richly colored and have a distinct golden eye. It grows to a height of 20 or 30 feet in a season. Pkt. 15c.

ARISTOLOCHIA SIPHO. *Dutchman's Pipe.* Perennial. One of the hardiest and best climbers, with large, heart-shaped leaves. Pkt. 10c.

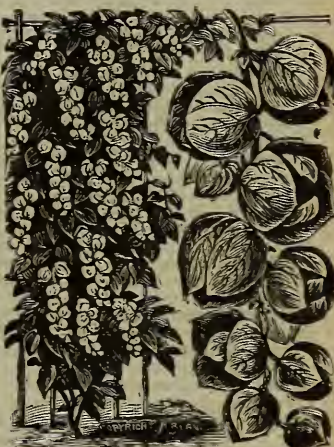
ASPARAGUS. *Tender Perennial.*

Plumosus Nanus. This graceful climbing Asparagus has foliage finer than that of the most delicate fern, and will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. Pkt. 25c.

Sprengeri. *Emerald Feather.* One of the best plants to grow in suspended baskets, for greenhouse or for outdoors in the summer. The fronds frequently grow 4 feet long and are now considered indispensable in all fine decorations; grows readily from seed. Pkt. 25c.



Agrostemma.



Antigone. Mountain Rose.



Alyssum. Little Beauty.



ANTIRRHINUM

"SUNRISE"

Harlequin MAY'S SUPERB ASTERS

primrose pink

Snow White.

Asters. Annuals.
Of the general beauty

of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate, and coming into bloom, as they do, when most other flowers are fading away, enhances their value. For the best results the ground for the cultivation of Asters cannot be too richly prepared, although they will give satisfactory returns on any ordinary garden soil.

Crown.

ENG FOR
L.L. MAY & CO.

Blue Danube

Blue Danube. (See cut.) Lovely flowers of a light blue shade. The plants are strong growers and produce their flowers in the greatest abundance. Pkt. 15c, 2 pkts. 25c.

Comet. A handsome and very distinct Aster. The petals are very long and beautifully curled; color a lovely delicate pink bordered with white, bright pink, light blue and other shades. Pkt. 10c.

Comet Peachblossom. A lovely shade of pink. Pkt. 10c.

Crown or Cocardeau. (See cut.) A beautiful class of dwarf growing Asters, the blossoms all being distinguished by a pure white center. Mixed colors. Pkt. 10c.

German Globe Asters. A beautiful class with large globe-shaped blossoms of various shades. Desirable for amateurs. Pink, pkt. 5c; Blue, pkt. 5c; White, pkt. 5c; Mixed, pkt. 5c.

Globe Paeony Flowered. Very early, blossoms of immense size. Mixed colors. Pkt. 10c.

Harlequin. (See cut.) A gaily colored variety with blotched and marked blossoms that are exceedingly bright and showy. Pkt. 10c.

Imbrique Pompon. Large flowers of perfect form and finely imbricated. They are of dwarf bushy habit and very free flowering. Mixed colors. Pkt. 10c.

Lilliputian White. An extremely free flowering variety of pyramidal habit of growth. Flowers small, very double, pure white, and very fine for bouquets. Pkt. 10c.

Mignon. A fine new class. The plants are semi-dwarf, and bear 40 to 50 beautifully shaped very double flowers, with deeply imbricated petals borne with an indescribable grace. Mixed colors. Pkt. 10c.

Primrose Pink. (See cut.) One of the most beautiful varieties we know of. The flowers are deeply cut and have long petals like a Japanese Chrysanthemum. Color delicate pink. Pkt. 15c, 2 pkts. 25c.

Dwarf-Pyramidal Bouquet. Pretty class; very profuse, producing 20 to 50 heads of bloom; grows 1 foot high. Mixed colors. Pkt. 10c.

Quilled Asters. These are unlike any other variety in having tube or quill shaped petals, bunched in a dense mass and bordered by a row of ordinary shaped petals. The plants are tall and bear a great profusion of blossoms of great lasting qualities. Blue, pkt. 5c; Pink, pkt. 5c; White, pkt. 5c; Sulphur Yellow, pkt. 10c; Mixed all colors, pkt. 5c.

May's Royal Mixed Asters. Many of our friends desire a bed of Asters which includes the various classes and colors of this popular flower, and for such we have made up a mixture including about twenty of the best flowering varieties. Our Royal Mixed will make a magnificent display and furnish an endless assortment of shades and types. It is without doubt the finest mixture of Asters offered by any seed firm in America. Pkt. 15c.

Snow White. (See cut.) Pure white and very floriferous; height about 9 inches. Pkt. 10c.

Simple's Branching. The plants are of branching habit, producing from 10 to 20 perfect flowers from four to six inches in diameter. Pkt. 10c.

Tall Chrysanthemum White. Fine large blooms of a pure white. Splendid for cutting to be used in bouquets or in vases. Pkt. 10c.

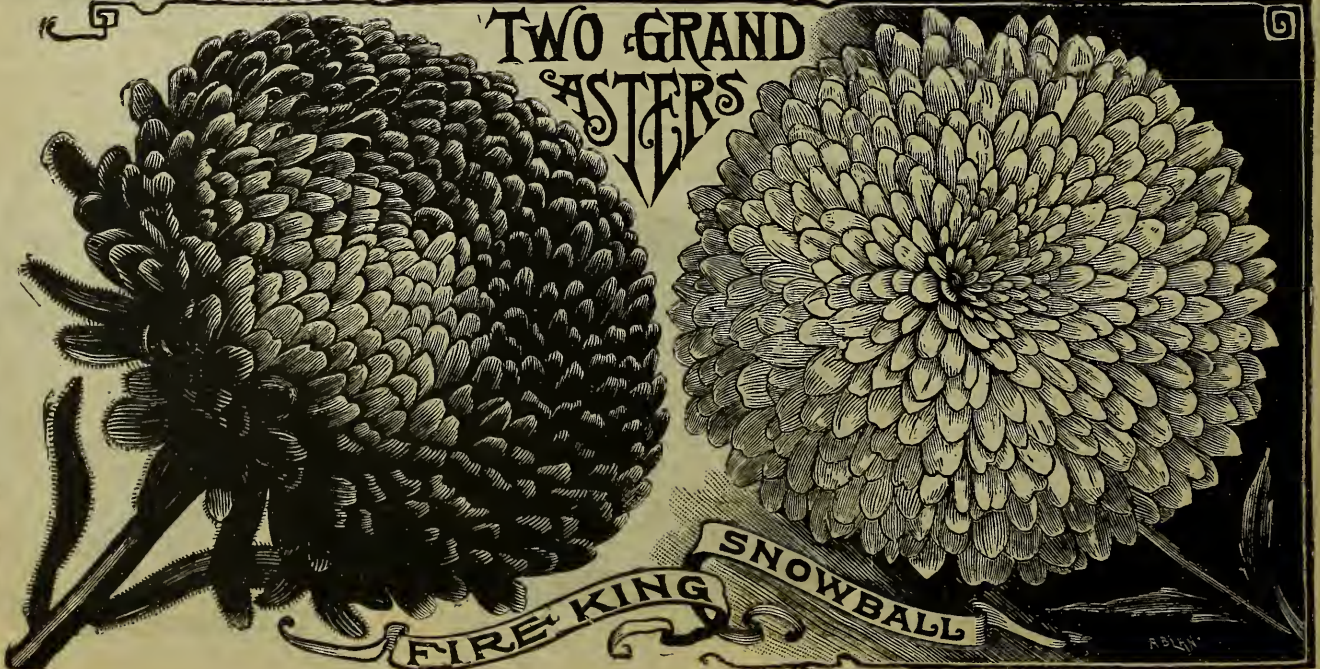
Truffaut's Paeony-Flowered Perfection. Beautiful flowers, petals long; brilliant in color and unsurpassed in habit of plant. Mixed. Pkt. 10c.

Victoria Asters. Probably the handsomest varieties, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate and some gorgeous shades; flowers very double and four inches across, from 20 to 40 on a plant; height 15 to 18 inches. Finest mixed colors. Pkt. 10c; White, pure, pkt. 10c; Scarlet, dark and rich, pkt. 10c; Sky Blue, pkt. 10c; Peach Blossom Pink, pkt. 10c; White Tinted Rose, pkt. 10c. Collection of above 5 Victoria Asters, 40c.

Fire King. (See cut.) One of the most brilliantly colored Asters we have ever seen. The flowers are of an enormous size, a rich shade of deep crimson and often measure as much as 5 inches in diameter. They are of perfect form, the petals deep, heavy and slightly incurved. The plant is a vigorous, upright grower, about 15 or 18 inches in height and producing its mammoth blossoms in wonderful profusion late in the season. This variety must not be confounded with the small growing dwarf sort that is being offered by some firms. Pkt. 15c.

Snowball. (See cut.) Valuable for massing in beds or to be grown for pot culture. It grows to a height of about 15 inches and bears large, rather globe-shaped, pure white flowers. The plant is of upright, rather bushy habit and has been known to bear as much as 25 or 30 flowers on a single plant. The vigorous, healthy habit of the plants and freedom with which the flowers are produced recommend it to everyone. Pkt. 15c.

TWO GRAND ASTERS



Triumph. Of a peculiar brilliant scarlet shade, changing when in full bloom to a deep satiny blood scarlet. Pkt. 10c. Christmas Tree. See specialties page 9.



Benary's Goliath Asters.

duced this most beautiful sort. The flowers are of large size and of a rich, golden color. The plant is a strong, thrifty grower, and desirable for either pot culture or bedding. Its greatest value, however, lies in its rich color, which shows to the best advantage when grown in a bed with others of this class. Pkt. 20c, 3 pkts. 50c.

Benary's Goliath Asters. These famous Asters we have secured direct from Ernst Benary, Erfurt, Germany, and they are without doubt the largest of this class.

Mont Rose is a delicate shade of rosy pink, a variety that is considered one of the finest in the collection. Pkt. 15c.

Mont Blanc. In this we have the largest pure white flowering Aster that can be obtained. The flowers frequently measure 4 to 5 inches in diameter, and are of the most beautiful formation imaginable. Pkt. 15c.

Goliath Mixed. We offer a mixture of the above-named varieties which we have put up ourselves. Pkt. 15c.

BALLOON VINE. (See cut.) *Cardiospermum*. Annual. A rapid growing climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Pkt. 5c.

BALSAMS. Annual. *Lady's Slipper.* An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion; of easy culture. Succeeds in a good, rich soil.

Double Camellia Flowered. (See cut.) Finest mixed. Pkt. 5c.

Sollerino. Spotted red and white. Very showy. Pkt. 10c.

Rose. Beautiful pink shaded to rose. Pkt. 10c.

White Perfection. The largest flowering white. Pkt. 10c.

Maiden's Blush. Beautiful shade of pink. Pkt. 10c.

Scarlet. Handsome shade of rich scarlet. Brilliant. Pkt. 10c.

Mixed. This mixture includes many choice varieties and will furnish a charming display. Pkt. 5c.

Imperial Mixed. In this mixture will be found all the latest varieties in this class of flowers. Blossoms are extra large and of the most beautiful shades imaginable. Our Imperial strain we obtained from a leading flower seed specialist in Europe, and we believe will produce more double blossoms than any other strain ever offered. Pkt. 10c, 3 pkts. 25c.

BARTONIA AUREA. (See cut.) *Golden Bartonia.* Annual. Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting. Pkt. 5c.

BAPTISIA AUSTRALIS. *False Indigo.* Hardy perennial. A beautiful herbaceous plant, producing pea-shaped flowers on spikes 5 inches long. Bright blue. Pkt. 5c.

BEGONIA. Tender Perennial. A beautiful tribe of plants, resplendent during the summer with their flowers of various shades of scarlet, crimson, rose, etc., and continuing in bloom until frost.

Giant Flowering Mixed. We offer a fine mixture of different varieties of rapid growing, free blooming begonias for house culture. The plants are of rather compact dwarf habit, easily grown from seed and under proper treatment will bloom almost continuously the year round. The culture is the same as for Rex Begonia. Pkt. 20c.

Vernon. Introduced a number of years ago and at once created a sensation on account of its profusion of flowers. It is of rather dwarf habit and blooms abundantly all summer. Will flower in 3 months after seed is sown. Pkt. 10c.

Begonia, Tuberous Rooted. These are magnificent flowering pot plants and are considered very desirable for garden bedding as they continue to bloom profusely the entire summer. The strains we have secured will produce extra large flowers, many of the individual florets often averaging from 6 to 8

The Wonderful Yellow Aster. (See cut.) Nothing ever introduced in the line of flower seeds has attracted more attention, or created a greater sensation among flower lovers in all parts of the world, than the "Yellow Aster." For years past we have had almost every other shade imaginable, ranging from the richest purple to the most delicate pink, but never a yellow, until the European seed growers produced



The Yellow Aster.

inches in circumference. Almost every shade found in the class of flowers will be seen in the **Tuberous Rooted Begonias**. If the cultural directions given for Rex Begonias are followed for this class they are certain to succeed.

Single Flowering, Mixed. Pkt. 20c.

Double Flowering, Mixed. Pkt. 30c.

Single and Double, Mixed. Pkt. 25c.

Rex Begonia. These ornamental plants, with their handsome broad leaves of various shades, are easily grown from seed. A good plan is to sow the seed in February or March in pots on a surface of fine soil, covering the pot with a glass. Care must be taken not to wash out the seeds or young plants when watering. The seed we offer is selected from the choicest named varieties and will produce plants of almost every conceivable shade. As soon as the plants are large enough to be safely handled they should be transplanted into pans of light leaf-mould soil, where they may remain until large enough to be placed singly in pots. Pkt. 25c.

BIDENS ATROSANGUINEUS. *Dahlia Zimpani.* Annual. Handsome, rapid growing plants with beautiful, dark purplish crimson blossoms that are freely produced during the late summer months. It usually attains a height of three feet and is valuable for the center of smaller beds of flowers. Pkt. 10c.

BIGNONIA GRANDIFLORA. (See cut.) *Trumpet Creeper.* Hardy Perennial. A climber of rapid and luxuriant growth; very picturesque and effective grown on old trees, arbors, walls, etc. Handsome, large clusters of orange red flowers; 40 to 60 feet. Pkt. 10c.

BRIZA MAXIMA. Annual. A hardy annual which should be sown in open ground during April or May. This is one of the most beautiful and ornamental grasses and very desirable for making into wreaths, etc. Height about 12 or 15 inches. Pkt. 5c.

BRACHYCOME. *Swan River Daisy.* Annual. Beautiful annual, forming a close, compact plant, with large single blue or white flowers, borne freely all summer; $\frac{3}{4}$ foot. Pkt. 5c.

BROWALLIA. (See cut.) *Amethyst.* Annuals. Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter.

Mixed Colors. Pkt. 5c.

Speciosa Major. Individual flowers are fully 1 inch across, of rich indigo blue; plant 1 foot high; bushy. Pkt. 15c.

Jamesoni. Large, yellow blossoms. Pkt. 10c.

BYRONOPSIS. (See cut.) Annual. A beautiful summer climber, with palmate leaves. Its yellow flowers are followed by pretty, cherry-like, green fruits, which change to bright scarlet marbled with white. Pkt. 5c.



Balsam Camellia.



Bignonia.



Bryonopsis.



Browallia.



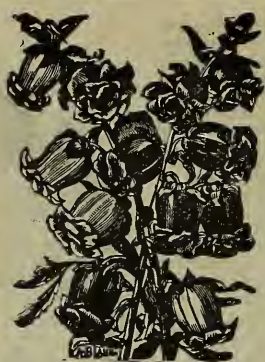
Balloon Vine.



Bartonia.



Centaurea Marguerite.



Campanula.



Callirhoe Pedata, Purple.

CALLIOPSIS
GOLDEN
WAVE

CALENDULA. Pot Marigold. Annual. Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring.

Meteor. Large, double yellow striped with orange. Pkt. 5c.

Prince of Orange. Resembles Meteor, but is much darker. Pkt. 5c.

Mixed. Pkt. 5c.

CALLIRHOE PEDATA. (See cut.) Annual. This is a popular hardy annual which grows to a height of 15 or 18 inches, and produces charming, richly colored purple blossoms with a distinct white eye. Pkt. 5c.

CANARY BIRD FLOWER. Annual. One of the daintiest little climbers in our entire list. The leaves are beautifully cut, and the bright, showy little yellow flowers are borne in great profusion. The color and shape of the blossoms remind one of a bird with wings expanded. It belongs to the half hardy annual class of climbers, and is a valuable little vine for the window or for a somewhat sheltered location in the open ground. Grows to a height of 10 or 12 feet in a season. Pkt. 5c.

CALLIOPSIS. Annual. These beautiful "Bright Eyes" are showy summer bedding annuals with large, bright flowers borne in great profusion all summer long, and succeed almost everywhere. They are elegant for garden decoration and fine for cutting. Height about 2 feet.

Crimson Beauty. The richest colored of all this class of annuals. The plant is a strong, vigorous grower and the dark, crimson-colored blossoms are very freely produced for several months during the summer season. It is easily grown and few garden plants equal Crimson Beauty in beautiful coloring or profusion of bloom. Pkt. 10c.

Golden Wave. (See cut.) A most beautiful and showy plant, producing its deeply fringed golden yellow flowers in the greatest profusion the entire summer. It is a flower that is sure to please everyone with its rapid growth, bright showy blossoms and abundance of bloom. We cannot too highly recommend this little beauty to our friends. Pkt. 10c, 3 pkts. 25c.

Single Mixed. Pkt. 5c.

Double Mixed. Pkt. 5c.

CAMPANULA. (See cut.) *Canterbury Bells.* Biennial. Beautiful little plants bearing a great profusion of bell shaped flowers, in all the various shades of blue, purple, lilac and white.

Double Mixed. Pkt. 5c.

Single Mixed. Pkt. 5c.

CANDYTUFT. Annual. A valuable little plant growing to a height of about 12 inches and largely grown by florists for cutting. It is desirable for massing in beds or planting at the edges of window boxes. One of the most free flowering annuals that can be grown.

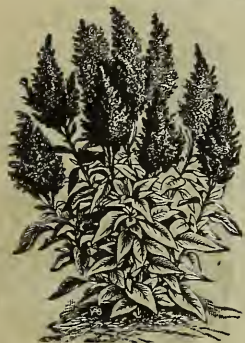
Snowball. (See cut, opp. page.) Remarkable for the mammoth size of its flowers and freedom of bloom, the entire plant being covered with snowy white blossoms for several months during the summer. Pkt. 10c, 3 pkts. 25c.

Lilac Queen. A choice variety, with lilac colored spike. Pkt. 5c.

Mixed. All colors. Pkt. 5c.

Crimson King. A charming variety that should be extensively grown. Color, beautiful shade of deep crimson. Pkt. 10c, 3 pkts. 25c.

Carnation Marguerite.



Celosia Plumosa.



Cobaea Scandens.



White Spiral. It is a pure white Candytuft which grows in the form of a pyramid. Pkt. 5c.

Fragrant. Probably the most extensively grown, its fragrance recommends it to all. Pkt. 5c.

Empress. A giant flowering variety, bearing immense trusses of beautiful, pure white blossoms. It is of rather spreading bushy habit and very popular for bedding purposes. Pkt. 5c.

MARGUERITE CARNATIONS. (See cut.) Tender perennial. These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is semi-dwarf, robust habit, requiring no artificial support, and produces on long, strong stems an abundance of large, double, beautifully fringed, highly-scented flowers.

Mixed colors. Pkt. 10c.

CASSIA CHAMAECRISTY. Touch-Me-Not. Annual. The plant, raised from the seed, grows from 12 to 18 inches in height, with compound leaves, which, like those of *Mimosa pudica*, are sensitive to touch, drooping and folding together. The flowers are large, of a canary yellow, two of the petals being purple-spotted at the base. They are borne on stems from two to five in a cluster, and are produced freely until destroyed by frost. Pkt. 10c.

CELOSIA. Cockscorn. Hardy annual. Magnificent, free-flowering, graceful-growing plants, producing in the greatest profusion spikes of the most beautiful feathery flowers.

Glasgow Prize. Very dwarf, immense crimson combs. Excellent for pot culture. Pkt. 10c.

Dwarf Mixed. All colors. Pkt. 5c.

Chimuse Mixed. Tall and dwarf. All colors. Pkt. 5c.

Plumosa or Ostrich Feathered. (See cut.) These are charming plants for house decoration as well as for flowering in open ground. As will be seen by our illustration the spikes of flowers are borne upright and of a plume shape. Our mixture is unsurpassed. Pkt. 10c.

Yellow Plume. This is a highly ornamental plant with large heads of a rich golden color. They are very showy when grown singly or in beds with other annuals. They are easily grown from seed and should be sown in April or May as soon as the weather is warm and all danger of frost is past. Pkt. 10c.

CENTAUREA. Dusty Miller Varieties. Tender perennials. Silvery-foliage dwarf plants, fine for bedding, vases, hanging baskets and pots, also extensively used for beds and margins. Sow the seed from December to April.

Candidissima. Silvery-leaved plants for beds, vases, baskets and pots. Pkt. 5c.

Gymnocarpa. A graceful, silvery-leaved variety, for bedding or pot-culture. Pkt. 5c.

CENTAUREA CYANUS. "Corn Flower," "Blue Bottle," "Ragged Sailor." Annual. They are an old class of favorite, hardy annuals that seem to grow in popularity every year. In Europe they are largely grown for cut flowers, a bunch of the blue "Corn Flowers" being a favorite boutonniere in many locations. White—pkt. 5c. Blue—pkt. 5c. Rose—pkt. 5c. Red—pkt. 5c. Mixed—pkt. 5c.

CENTAUREA MARGUERITE. (See cut.) Annual. Distinct from all other Centaureas and undoubtedly one of the most beautiful flowers of late introduction. The plants are easily raised from seed, and grow to a height of from fifteen to eighteen inches. The charming white flowers are produced on long stems and are very desirable for bouquets, etc., as they will keep for quite a while after being cut. We offer seed imported direct by ourselves from Europe where this variety originated. Pkt. 10c.

CENTAUREA IMPERIALIS. See specialties, page 10.

CENTRANTHUS. Annual. Delicately colored hardy annuals producing clusters of rose-tinted and pure white flowers forming a compact mass of bloom and making a handsome display from July until September. Besides being valuable for bedding purposes, it is one of the best varieties for cutting to be used in bouquets. Height 18 inches.

Mixed varieties. pkt. 5c.

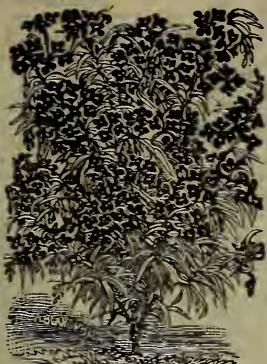
COLBUS. Tender perennial. Plants with richly-colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning they are indispensable, and also valuable for pot culture. Although perennials, they attain perfection from seed the first season. 1 to 3 feet. Pkt. 5c.



Cosmos.



Clematis.



Clarkia.



Commelina.

**CHRYSAN-
THEMUMS.**

(See cut.) Annual varieties. Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture and quite distinct from the autumn flowering varieties.



Chrysanthemum.

Lord Beaconsfield. Rich crimson maroon, delicately striped and edged with gold, and remarkably showy. Pkt. 5c.
Mr. Gladstone. Color a bright crimson and one of the richest varieties of this class. Pkt. 10c.
Eclipse. Color yellow, purplish scarlet and dark brown, making a most peculiar and attractive flower. Pkt. 10c.
Tricolor. This is often called "**Painted Daisies.**" Is of easy culture and rapid growth, with almost star-shaped blossoms, and is a favorite wherever grown. Pkt. 10c.
Choice Mixed Varieties. Pkt. 5c.

Double Chrysanthemums. We offer an extra choice mixture, including the most desirable novelties of the different classes of **Japanese, Chinese, Pompon** and incurved varieties. The seed germinates easily and will produce strong, thrifty plants in a few weeks. The plants should be kept in a cool location until late in the fall. Pkt. 20c.

Chrysanthemum. Inodorum Plenissimum. Hardy perennial. For bouquets, or to be used in vases, this is one of the finest perennials that can be grown. The flowers are a pure white, very double and freely produced. Blooms the first year. Pkt. 10c.

CINERARIA MARITIMA. Dusty Miller. Half hardy perennial. Fine for bedding, ribbon beds and margins; prized for their beautiful, downy, silvery foliage. Pkt. 5c.

CINERARIA. (See cut.) Tender perennial. One of the most gorgeous house plants that can be grown. The seed germinates quickly, and strong, thrifty plants may be had in two or three months from time seed is sown. A good plan is to keep the plants in a cool location during the summer months, and they will then produce an abundance of bloom during the fall. The colors range from the deepest purple through the lightest shades of pink and carmine, while some are beautifully shaded and marked with various colors. We offer seed carefully saved from the large flowering varieties.

Choice Mixed. All colors. Pkt. 20c.

Hybrida Grandiflora Mixed. Flowers of the largest size and of intense beauty. This is selected seed from the best English growers, saved from exhibition flowers. Extra choice. Pkt. 30c.

CLARKIA. (See cut.) Hardy annual. A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances. Pkt. 5c.

CLEMATIS. (See cut.) Perennial. Undoubtedly one of the handsomest class of climbers that can be grown. Many of the larger flowering varieties of Jackman's type have been known to measure 5 to 6 inches in diameter. They are herbaceous perennials, but require protection in the Northern states during the winter months. It is a good plan to start the seed in the house and transplant to the garden during the early summer. Clematis seed germinates slowly.

Paniculata. Introduced two or three years ago and has proven to be one of the most valuable varieties for general cultivation, as it grows very quickly and will often attain a height of 10 or 12 feet in a single season from seed. The vine is of such strong, vigorous, hardy habit that it is seldom troubled with insects of any kind. When in bloom the foliage is completely hidden beneath large clusters of pure white, sweet-scented blossoms. It is a magnificent plant for verandas or any other position where a climber is required. It will succeed equally well in any location, but should be given good soil to obtain the best results. Pkt. 10c.

Jackman's Mixed. This includes all of the fine varieties of purple, white, blue, red, etc. The seed we offer has been saved with great care, and with proper cultivation is certain to give entire satisfaction. Pkt. 15c.

Snowball. Pure white. Pkt. 10c.

Fine Mixed. All colors. Pkt. 5c.

CLINTONIA. Annuals. Charming hardy annual, which blossoms profusely during the summer months. They are very desirable for baskets, boxes, vases, etc., and extensively used for edgings for flower beds. We offer a choice mixture. Pkt. 5c.

COBÆA. Cups and Saucers Vine. Annual. A climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil.

Scandens. Large, bell-shaped purple flowers. Pkt. 10c.

Scandens Alba. Pure white. Pkt. 10c.

COCCINEA INDICA. (See cut.) Annual. A handsome climber of the gourd species, with beautiful, smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers and brilliant carmine fruit. Pkt. 10c.

COIX LACRYMA. Job's Tears. Annual. A curious ornamental grass with broad leaves and seeds of a peculiar light slate color. Invaluable for formation of bouquets in winter in connection with Everlasting flowers, and makes a handsome display when growing in the garden. Pkt. 5c.

COSMOS. (See cut opposite page.) Annual. Early Summer Flowering. Mixed. The Cosmos has developed into one of our most beautiful garden annuals, and has been appropriately called "**The Glory of Autumn.**" Unfortunately they do not bloom until quite late, and sometimes in colder Northern states early frost catches them before they are fully in flower. This new strain of early-flowering Cosmos begins to bloom scattering in June, the quantity increasing gradually until August, and from that time until frost the plants are a mass of flowers. The plants are dwarfier than the late-flowering Cosmos. The colors are white, crimson and pink, which we offer only in mixture. Pkt. 10c.

Giant Flowering Cosmos. These are late-flowering but if sown early will bloom before frost. Flowers extra large and of surpassing beauty. Pkt. 10c.

COMTE-LINA. (See cut.) Perennial. A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. The roots can be preserved like dahlias; it blooms the first season from seed. Pkt. 5c.



Clintonia.



Coccinea Indica.



Snowball Candytuft.



Cineraria.



until killed by frost. It is a low, branching plant. The flowers are followed by pods, in which, when shaken, the seeds sound like a child's rattle. It is best to start the seeds in the window or hotbed, first soaking them in warm water. **Pkt. 10c.**

GIANT PERSIAN CYCLAMEN. Tender Perennial. Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant. **Pkt. 25c.**

CYPRESS VINE. Annual. *Ipomea Quamoclit.* A quick growing climber with delicate, dark green, feathery foliage and an abundance of bright, star shaped flowers of white, rose and scarlet. The blossoms are borne very freely and present a most beautiful appearance. It usually attains a height of 10 or 12 feet. **Scarlet, pkt. 5c, White, pkt. 5c, mixed, pkt. 5c.**

CYPERUS. *Unibella Plant.* Tender Perennial. Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. **Pkt. 10c.**

DAHLIA. (See cut.) Tender Perennial. One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted, perennials, blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar, in sand.

Double. Large flowering; finest mixed. **Pkt. 10c.**

Single Mixed. Large showy single flowers. **Pkt. 5c.**

DATURA WRIGHTII. *Angel's Trumpet.* Annual. Attractive, rapid growing plant, producing immense white and lilac colored trumpet shaped flowers. **Pkt. 5c.**

Dahlias (Double.)



Crotolaria Retusa.

flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a cluster. The stem and foliage are very graceful, and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running from six to eight feet in a season. It will bloom until frost, and, if potted, will no doubt flower freely in the house. One of its most attractive features is the way in which the flowers look up at you in the face. Every imaginative person sees faces in the pansy, and this is even more suggestive in Centrosema.

Pkt. 10c.

DAISIES. *Bellis.* Perennial. Well-known favorites, admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames.

Snowball. (See cut.) Mammoth double white blossoms which are produced in great abundance during the entire season. **Pkt. 15c, 2 pkts. 25c.**

Longfellow. A rich rose color, very double flowers of fine form and handsome appearance. **Pkt. 10c, 3 pkts. 25c.**

Double Finest Mixed. This mixture we offer here includes the famous named varieties and will produce handsome double blossoms of all shades of pink and red, as well as the beautiful snow white. **Pkt. 10c.**

DELPHINIUM. (See cut.) *Perennial Larkspur.* Hardy Perennial. Plants remarkable for their great beauty, diversity of shades, and highly decorative qualities.

Zalil. Rare flowers of a sulphur shade, many having the delicate tints of an orchid. **Pkt. 10c.**

Le Mastodonte. A giant variety producing blue flowers. **Pkt. 10c.**

Nudicaule. Beautiful Scarlet flowers. Very showy. **Pkt. 10c.**

Hybridum Mixed. **Pkt. 5c.**

Double Tall Rocket. Annual. Mixed. **Pkt. 5c.**

Emperor. Annual. Produces an abundance of long slender flower spikes in the most delicate colors. Many colors mixed. **Pkt. 5c.**

Dwarf Double. Annual. Mixed. **Pkt. 5c.**

DIGITALIS. (See cut.) *Foxglove.* Hardy Perennial. Stately perennials, throwing their flower stalks two or three feet high.

Lanata. White. **Pkt. 5c.**

Lutea. Yellow. **Pkt. 5c.**

Rosea. Rose. **Pkt. 5c.**

Purpurea. Red. **Pkt. 5c.**

DOLICHOS. (See cut opposite page.) *Hyacinth Bean.* Annual. A rapid growing climber, flowering freely in clusters, followed by ornamental seed pods, for covering arbors, trellises, etc. Sow the seed in the garden in April or May, where they are to remain. **Purple, pkt. 5c; Red, pkt. 5c; White, pkt. 5c; Mixed all colors, pkt. 5c.**

EDELWEISS. (See cut.) Hardy Perennial. We offer the true Edelweiss of the Alps which is so highly prized by travelers in Switzerland. The flowers are pure white, star-shaped, and downy in texture. If the flowers are picked when just about to open and dried in the shade they will retain their beauty for several years. Height about 10 inches. **Pkt. 10c.**

ESCHSCHOLTZIA. (See cut opposite page.) *California Poppy.* Tender Annual. Very attractive annuals for beds, edgings, or masses; profuse flowering and fine cut foliage; in bloom from June till frost. **Aurantiaca.** Rich orange. **Pkt. 5c.**

Mandarin. Inner side of the petals rich orange, the outer side brilliant scarlet. **Pkt. 5c.**

Snow Capped. A beautiful large white variety. **Pkt. 10c.** **Mixed.** All colors. **Pkt. 5c.**

The Golden Cross. The flowers measure from 4 to 6 inches in diameter; they have very large overlapping petals, often delicately waved at the edges. They are beautifully and variously formed; some are flat and wide open, some saucer-shaped, others very deep, with flaring edges. The color is light canary yellow, with an orange blotch at the base of each petal, forming a Maltese cross in the center. These magnificent flowers are extremely beautiful. **Pkt. 25c.**

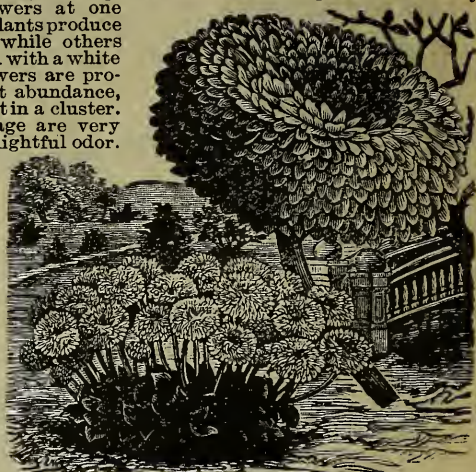


Delphinium, Hardy Larkspur.

Digitalis.

Edelweiss.

CENTROSEMA GRANDIFLORA. (See cut.) *"Look at Me."* Perennial. It is a hardy, perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April and bears in the greatest profusion inverted, pea-shaped flowers from 1½ to 2½ inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center, while the large buds and back of the



Daisy, Double, Snowball.



DIANTHUS OR PINKS. Annuals. A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals may be sown out of doors when danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until hard frost. Fine for beds or massing.

Double China Pink. *Chinensis Flore Pleno.* Charming large flowers of every shade imaginable. Its mammoth double flowers are a welcome addition to the flower garden. **Pkt. 5c.**

Double Diadem Pink. *Diadematus.* A very rapid growing variety, with regular double flowers of various colors. **Pkt. 10c.**
"Fire Ball." The flowers are freely produced and perfectly double, the color a rich velvety red, sometimes shaded with brilliant crimson. The plant is a rapid, vigorous grower and produces an abundance of bloom throughout the entire season. **Pkt. 10c, 3 pkts. 25c.**

Double Fringed Japan Pink. Beautifully fringed double flowers of the richest and most varied colors. Blooms early and profusely. **Pkt. 10c.**

Eastern Queen. A handsome single variety that is beautifully marbled. The broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. It makes a very showy appearance when grown in a bed with other varieties, and is one of the best sorts for use as cut flowers. Although the flowers are single, they are of such beauty and appearance, often measuring 4 inches across, as to excite the greatest admiration. **Pkt. 5c.**

Heddeewigi. The flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value, as the plants retain their beauty during the entire summer. **Single mixed, all colors, pkt. 5c. Double mixed, all colors, pkt. 5c. Single and double mixed, all colors, pkt. 5c.**

Snowstorm. The blossoms are of an enormous size, freely produced and of the most perfect formation. The plant is a vigorous grower, and for amateurs it is decidedly the best new Dianthus introduced for a number of years. **Pkt. 15c.**

Imperial Mixed Pinks. (See cut.) This mixture will produce a beautiful bed of flowers in a few weeks from sowing of seed, and furnish an endless array of lovely pinks from early summer until late autumn. **Pkt. 10c.**

Double Imperial Pink. *Imperialis Fl. Pl.* Truly the "Imperial" of this grand class of flowers. Equally as good as many of the carnations, and produces its beautiful flowers easily from seed. **Pkt. 10c.**

New Double Fringed and Striped Pink. *Lac Fl. Pl. Stri.* A lovely strain of showy, large flowering varieties introduced by a leading European seed grower. The blossoms are charmingly cut and fringed, and are borne in great profusion for a number of weeks during the latter part of the summer. Each flower is striped, marked or blotched in the most beautiful manner. This strain must not be confounded with the common single fringed striped sorts. **Pkt. 10c.**

Little Gem Pink. (See cut.) Next to the Marguerite carnations this is one of the greatest novelties ever introduced. The plants grow rapidly and bloom in a very short time from seed. It is of dwarf habit, seldom attaining a height of over 6 inches. The flowers are produced in great abundance and are of the most beautiful shades imaginable, being a combination of wine red, suffused and veined with rosy carmine, each flower being broadly margined with white. Every person should try this lovely pink. **Pkt. 10c, 3 pkts. 25c.**

Mixed Pinks. This is a good mixture and includes many of the best single and double varieties, but, of course, has not the fine named sorts which are included in our Imperial Mixed. This mixture will produce from 20 to 30 different colors. **Pkt. 5c.**

Mourning Cloak or White Frilled. Double, large flowers of the richest and deepest colors in this class, each blossom being tipped at the

outer edge with creamy white. The standard colors are deep maroon, purple and velvety black, making a most novel and unique appearance. **Pkt. 5c.**

Salmon Queen. One of the latest introductions in pinks, and a grand acquisition to this magnificent class of flowering annuals. The flowers are very distinct in color, being a brilliant shade of salmon, which changes to a light salmony rose as the flowers become old. Upright, vigorous growers, bearing an abundance of their beautifully cut and fringed blossoms. It cannot be too highly recommended. **Pkt. 10c.**

Pink, Royal Banner. This is a charming double flowering variety, with handsomely striped petals that make it exceedingly attractive. It blooms easily from seed, and is as valuable for bedding as it is for pot culture. Be sure and try it this season. **Pkt. 15c, 2 pkts. 25c.**

Pheasant's Eye Pink. Perennial. Beautifully fringed flowers of the richest and most varied shades, all being distinctly marked with a brilliant eye. The flowers are very fragrant and especially desirable for cutting. Bloom soon after sowing and are very hardy. **Pkt. 5c.**

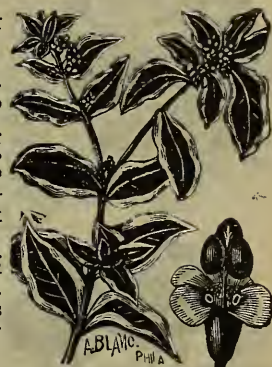
EULALIA ZEBRINA. (See cut.) Hardy perennial. Plants of this magnificent ornamental grass often attain a height of 5 or 6 feet a season, and are undoubtedly one of the most ornamental plants that can be secured for grouping on the lawn. A plant will often make 20 or 30 large recurved flower spirks, and presents a most showy appearance. **Pkt. 10c.**

EUPHORBIA VARIEGATA. (See cut.) *Snow on the Mountain.* A strong growing annual, called "Snow on the Mountain," on account of the peculiarly marked foliage, which is veined and margined with white. The flowers do not amount to anything, but its odd leaves make it a highly attractive plant. **Pkt. 5c.**

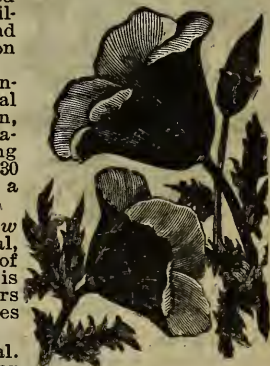
EUPATORIUM FRASIERI. Hardy perennial. Popular plants that will flower the first season from seed, producing beautiful clusters of snowy white flowers that are especially desirable for bouquets. **Pkt. 10c.**

ERYSIMUM. *Hedge Mustard.* Hardy Annual. Very showy, free flowering; handsome; very effective for mixed borders, or ribbons.

Peroffskianum. Orange color. **Pkt. 5c.**



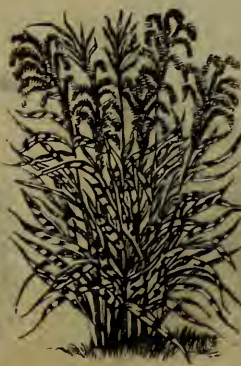
Euphorbia.



Eschscholtzia.



Dolichos.



Eulalia Zebrina.



Little Gem Pink.



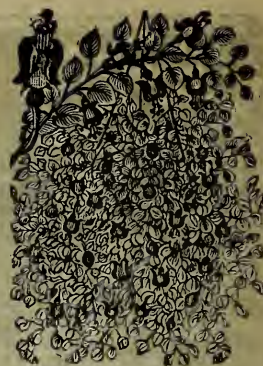
Eucharidium Brewerii.



Eutoca.



Fenzlia Dianthiflora.



Fuchsia Procumbens.



Gilia.

EUCARIDIUM BREWERII. (See cut.) Annual. Lovely flowers of a beautiful rose color. Valuable for massing or for use for edging of large flower beds. It is a rapid growing annual, easily raised from seed and certain to please everyone by its abundance of bloom and bright coloring. This is far ahead of any other variety of its class, and we consider it a decidedly attractive addition to our list of seeds. **Pkt. 15c.**

EUTOCA WRANGELIANA. (See cut.) Annual. Popular German flowers which grow rapidly from seed and produce brilliant blue blossoms several weeks during the season. They are valuable for small beds or to be grown in window boxes or baskets. Height about 12 inches. **Pkt. 10c.**

ERYSINEUM PEROFSKIANUM. Hardy Annual. Free flowering annuals of neat, compact habit of growth. **Pkt. 5c.**

FENZLIA DIANTHIFLORA. (See cut.) Annual. A pretty flower, growing about 3 or 4 inches high, and producing a profusion of bright, rose-colored blossoms during the summer months. The flowers are of a rosy lilac with a crimson or carmine center. **Pkt. 5c.**

FERNIS, Finest Mixed. (See cut.) These exquisite decorative plants are too well known to need a description. Some of the most beautiful sorts can be propagated from seed (spores) only. A good plan is to sow seed in shallow boxes, barely covering it with soil and keeping the seed moist with a fine moss if possible. They will succeed best when grown in a temperature of 60 degrees. **Pkt. 15c.**

FUCHSIA. Tender Perennial. Mixed colors. Choice double and single, mixed from named varieties. **Pkt. 15c.**

Procumbens. (See cut.) This variety is very easily grown from seed and makes a most charming plant for house culture. It is of a dwarf trailing habit and the flowers are borne in the greatest profusion almost the entire year. **Pkt. 10c.**

GAILLARDIA. Blanket Flower. Hardy Annual. Splendid bedding plants, their flowers continuing in beauty during summer and autumn. Choice mixed varieties, rich colors. **Pkt. 5c.**

Picta Lorenziana. Double Gaillardia. The colors offered (in mixture) comprise sulphur-yellow, golden-yellow, orange, amaranth and claret. **Pkt. 10c.**

GAMOLEPIS TAGETIS. Half-hardy Annual. Grows quickly from seed, and in ordinary seasons will be in flower by the middle of June if the seed is sown early in the spring. It is of dwarf habit, and the bright yellow, daisy-like blossoms are borne on strong, stiff stems, that rise in a mass above the foliage. It is a very showy plant for growing in masses and valuable for use in bouquets. **Pkt. 5c.**

GERANIUM. Tender Perennial. These charming plants are valuable either for pot or garden culture. Seeds sown early in the year will produce flowering plants by

mid-summer, and from the strains which we offer you are certain to procure some of the choicest varieties.

Large Flowering Single Mixed. Carefully saved seed from the giant flowering class. **Pkt. 25c.**

General Grant. Bright scarlet. One of the best sorts obtainable for beds. **Pkt. 10c.**

Double Mixed. (See cut.) A carefully selected strain from the finest double flowering geraniums. This seed is very expensive, and was obtained by us from one of the leading geranium specialists of Europe. **Pkt. 25c.**

Apple Scented. Very fragrant. **Pkt. 10c.**

GILIA MIXED. (See cut.) Annual. A popular plant for the open garden, with finely formed, delicate foliage and blossoms of a globular formation. It should be grown in masses in order to produce the best appearance. Height, one foot. **Pkt. 5c.**

GLAUCIUM. Horned Poppy. Hardy Perennial. Effective border plants, among the prettiest of our white-foliaged plants. Their elegantly indented glaucous green leaves make them attractive at all seasons. **Pkt. 5c.**

GLOXINIA. (See cut, opp. page.) Tender Perennial. A superb genus of house plant, producing a great profusion of richly colored flowers. They are without exception among the most beautiful plants that can be grown. The seed is very fine and must be sown with care, but when proper attention is given them they will bloom in five or six months from time of sowing the seed. We offer the choicest mixture obtainable. **Pkt. 25c.**

GLOBE AMARANTH. (See cut.) Annual. Popular everlasting, globular shaped flowers, which, if cut when fully matured, will keep for years. Grow about 2 feet in height.

Alba. White. **Pkt. 5c.**

Carnea. Flesh color. **Pkt. 5c.**

Rubra. Red. **Pkt. 5c.**

Mixed. This includes all of the various shades and colors. **Pkt. 5c.**

GODETIA. Annual. Charming garden plant of easy culture, that grows from one to two feet in height. They are noted for their richness and also delicacy of coloring.

Duchess of Albany. A very handsome, free-flowering, pure white variety. Blooms profusely for a number of weeks during the summer season. **Pkt. 5c.**

Beauty of St. Paul. Immense crimson flowers, shading to carmine. **Pkt. 10c.**

The Bride. Very showy white variety, with rich carmine center. **Pkt. 5c.**

Bijou or Spotted. (See cut.) Creamy or milky white variety, with rich crimson blotches. Very showy. **Pkt. 5c.**

Mixed. This mixture includes many of the varieties named and cannot fail to give perfect satisfaction. **Pkt. 5c.**

Giant, Mixed Colors. Gaily colored flowers of every conceivable shade and color, ranging from the deepest cardinal or blood red to the most delicate cream or pearl shade. They grow easily from seed, and flower profusely during the summer season. This strain was obtained by us from Germany, and will produce the largest and most perfect flowers. Few plants are more desirable for massing in beds than the Giant Godetias. They grow to a height of 15 or 18 inches, and thrive in almost any soil or locality. **Pkt. 10c, 3 pkts. 25c.**

GOLDEN MOUND. (See cut.) *Ven. Calendulaceum.* Annual. One of the most beautiful little flowers in the entire list. The plants are of dwarf, bushy form and bear a profusion of bright orange colored blossoms from early summer until late into autumn. Grows quickly from seed and does well in any good garden soil. **Pkt. 5c.**



Golden Mound.



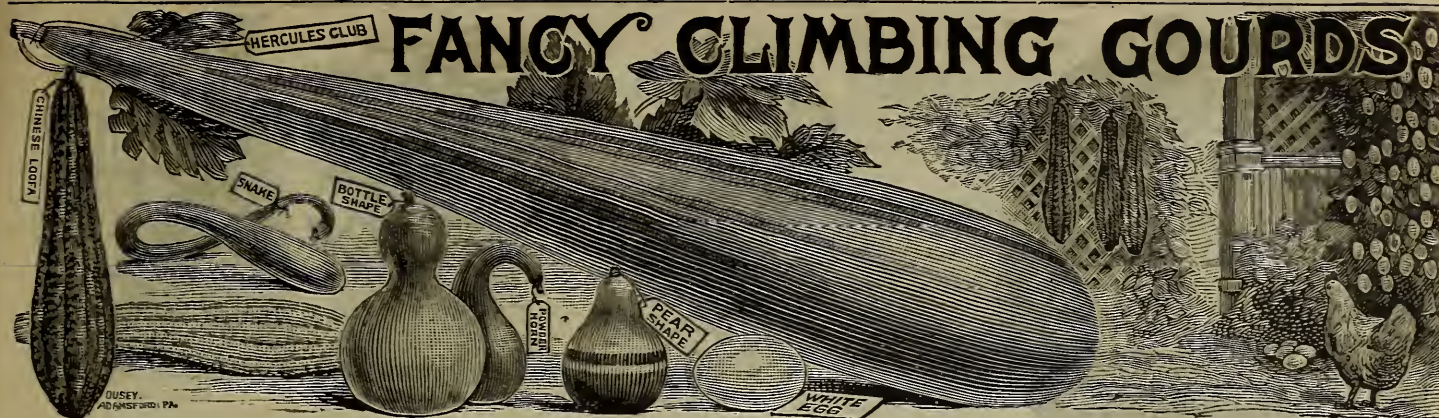
Double Geranium.



Ferns.



Godetia, Bijou.



GOURDS. Annuals. This is an interesting class of rapid growing vines, bearing curiously shaped fruits of various shades and colors. They grow rapidly from seed, often attaining a height of from 12 to 20 feet in a single season. Valuable for covering porches, trellises, etc. Seed should be sown in the open ground in the early summer after the weather is settled.

White Egg. This is a popular Japanese nest egg that grows exactly the size, color and shape of an egg, and as it is uninjured by cold or wet, is very desirable for nest eggs. **Pkt. 5c.**

Chinese Loofa. Called the "Dish Rag Gourd" on account of the tough, fibrous mass in the inside of the gourds, which, separated from the shell, is a most excellent substitute for the common bath sponge. It grows quickly, producing yellow flowers, which develop into large green fruits. **Pkt. 5c.**

Hercules Club. So named on account of the enormous size to which it grows and peculiar shape of the fruit. As will be noticed by our illustration, it is club shaped, and presents a most peculiar appearance. **Pkt. 5c.**

Snake. An oddly shaped long gourd. **Pkt. 5c.**

Bottle Shaped. Our illustration is a representation of this popular variety, which grows to the size and is shaped almost like a bottle. **Pkt. 5c.**

Dipper. Dried and used by housewives for dippers. **Pkt. 5c.**

Teasel. **Pkt. 5c.**

Pear Shaped. A beautifully colored variety, usually striped with yellow, green and cream. An ornamental, rapid growing annual climber. **Pkt. 5c.**

Mixed Gourds. This mixture includes nearly all the above named kinds, as well as a grand assortment of other gourds. **Large pkt. 10c.**

Odoratissimus. Very fragrant blossoms, which are succeeded by beautiful orange colored fruits. **Pkt. 5c.**

Perennis. A hardy perennial variety, which stands our cold winters with slight protection. The foliage of this variety is highly ornamental; valuable for arbors, trellises, etc. **Pkt. 5c.**

GOLDEN ROD. Hardy perennial. The favorite wild flower. **Pkt. 10c.**
GYNERIUM ARGENTUM. (See cut.) Annual. This is more generally known as "Pampas Grass," and produces great plumes often on stems several feet in length. It is one of the showiest ornamental grasses, and a cluster of these plumes tied together make a most beautiful display. **Pkt. 10c.**

GYPHOPHILA ELEGANS. (See cut.) *Baby's Breath.* Annual. Mixed. These are small, deliciously scented flowers borne on long feathery stems. We know of no variety that adds more grace to a bouquet than a bunch of this. The flowers are of a pink and white, and produced largely until early winter. Height, 1 foot. **Pkt. 5c.**

HELIOTROPE. (See cut.) Annual. These deliciously sweet scented plants are desirable not only for house culture, but for open flower gardens during the summer months. **Seedling plants are as a rule more vigorous than those grown from cuttings, and usually produce a greater amount of blossoms.** Our mixture includes the large flowering varieties, as well as some of the older sorts, and is certain to give satisfaction. By sowing the seed in boxes in the house in a warm place during the latter part of the winter, and when the plants are 2 or 3 inches high, transplanting, good flowering plants may be had by the middle of the summer. **Pkt. 15c.**

HELICHRYSUM. (See cut.) *Straw Flower.* A hardy annual, growing about 12 to 15 inches in height and bearing large double flowers of different shades and colors, ranging from bright yellow to rich red and scarlet, while many are shaded and tipped with various colors. Fine for winter bouquets. Instead of offering separate varieties, we have made up a mixture of all the best growing sorts, which is sure to please our patrons. **Pkt. 5c.**

HESPERIS. (See cut.) *Sweet Rocket.* Tender perennial. Fragrant flowers, which bloom freely the entire season. It is in reality a perennial, but if seed is sown early will bloom the first year. The mixture we offer contains both the white and purple varieties. **Pkt. 5c.**

HIBISCUS. *Marsh Mallow.* Hardy annual. One of the most ornamental, beautiful and showy genera of plants cultivated.

Africanus. Cream color, rich brown center. **Pkt. 10c.**

Coccinea. Greenhouse perennial. Bright scarlet. **Pkt. 10c.**

Palustris. Large pink flowers; hardy perennial. **Pkt. 10c.**

HUMEA ELEGANS. Biennial. Valuable for pot culture or for growing as single specimens on a lawn. It attains a height of 5 or 6 feet and the small flowers are borne in immense numbers on branches of a drooping habit. Colors, red, pink and crimson. It is very showy and cannot fail to attract attention. **Pkt. 10c.**

HYACINTHUS CANDICANS. Tender perennials. These are often known as Giant Summer Flowering Hyacinths, as they attain a height of 4 or 5 feet and produce immense spikes, nearly 2 or 3 feet in length. The flowers are very beautiful in appearance and bell shaped. It is certainly one of the most graceful of the large flowering plants that can be grown from seed. The seed should be sown in rich soil of leaf mold mixed with sandy peat, if possible, as it succeeds better in that kind of soil. **Pkt. 15c.**

HUNNEMARIA FUMARIAFOLIA. *Yellow Tulip Poppy.* Annual. One of the showiest flowers that can be obtained for summer blooming. Seed should be sown early in May and by midsummer will produce good thrifty plants about 15 inches high, covered from top to bottom with large butterfly yellow, tulip-like blossoms, which will be borne incessantly until late in the fall. Don't fail to give it a trial. **Pkt. 10c.**

HEDYSARUM CORONARIUM. *French Honeysuckle.* Biennial. Honeysuckle, so called, but no relation to that plant. It is not a climber, but a beautiful little garden plant; a prolific bloomer. **Pkt. 5c.**

CLEOME PUNGENS. *Giant Spider Plant.* Annual. This is a showy annual plant, producing curious heads of flowers of bright rose color, with long antennæ-like stamens, of easy cultivation, blooming early until late, 4 to 5 feet. **Pkt. 5c.**

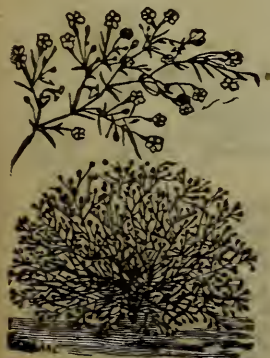
COLLINSIA, Mixed. Annual. Very pretty, free flowering annuals, blooming in whorls and several whorls around each flower stem. They never fail to attract attention when grown with other flowers in a bed. Height 15 inches. Our mixture includes all varieties and shades. **Pkt. 5c.**



Gynerium Argentum.



Hesperis.



Gypsophila.



Gloxinia.



Helichrysum.



Heliotrope.

HOLLYHOCK. (See cut.)

Hardy perennial. One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. The seeds offered have been saved from a superb strain of the finest double flowers. Seeds sown during the summer will produce plants for flowering the following season.



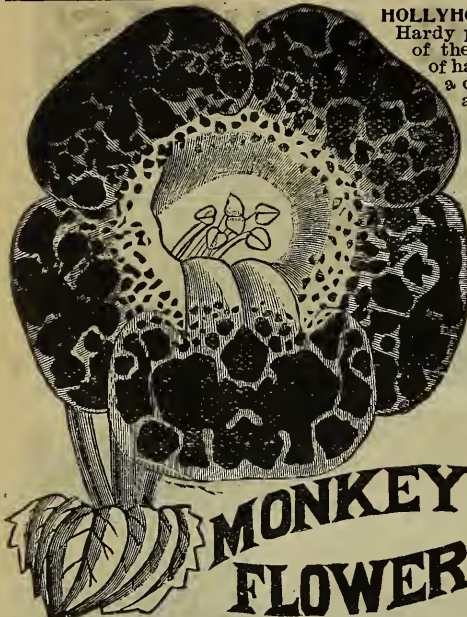
Lavatera.



Hordeum Jubatum.



Humulus.



MONKEY FLOWER

Double mixed all colors. Pkt. 10c.

Double and single mixed. Pkt. 10c.

HORDEUM JUBATUM. (See cut.) *Squirrel Tail.* Annual. It resembles slightly our barley, as it has heavy bearded heads. It is a desirable addition to the ornamental grasses and extensively used in bouquets. Height, 2 feet. Pkt. 5c.

HUMULUS JAPONICA. (See cut.) *Japan Hop.* Annual. A well known and most beautiful climber from Japan. Is a rapid grower and has beautiful foliage. Pkt. 5c.

ICE PLANT. *Mesembryanthemum.* Tender perennial. Dwarf growing plant bearing small white flowers. Prized for its singular icy foliage. Pkt. 5c.



IMPATIENS SULTANA. These are charming free flowering plants, suitable for house culture or the open garden during the summer months. The seed should be sown in moderately rich, well-drained soil and given a light covering. When the plant has attained a height of one or two inches it should be transplanted, and must be handled very carefully, as it is exceedingly brittle, and liable to be destroyed by rough handling. The flowers are of a rosy scarlet color and always borne in the greatest profusion. Pkt. 10c.

IPOMEEA. Annual. Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees they are invaluable.

Bona Nox Leari. *Blue Dawn Flower.* When grown with other climbers this presents a most beautiful appearance. The flowers, which are borne in clusters of a beautiful sky-blue shade often measure six inches in diameter. The seed, when sown early, produces strong, thrifty vines that will flower abundantly during the summer months. It is a splendid house climber for use in training over other plants in the window garden. When given plenty of sunlight and good rich soil it is certain to succeed. Pkt. 10c.

Coccinea. *Star Flower.* A charming variety, growing to a height of eight or ten feet, and bearing a profusion of bright scarlet flowers. Pkt. 5c.

Marmorata. A peculiarly beautiful climber, with foliage which is marbled and blotched with green and white. The flowers are of various colors, and this sort, when grown with other climbers, never fails to excite the greatest admiration. Pkt. 10c.



THE MOON FLOWER

Mammoth Fringed
"Allegheny." See specialities, page 10.

Dbl. crimson,	Pkt. 10c.
" flesh-colored,	" 10c.
" purple,	" 10c.
" rose,	" 10c.
" scarlet,	" 10c.
" white,	" 10c.
" yellow,	" 10c.

Mexicana Alba. (See cut.) *The Moon Flower.* For those desiring a rapid growing vine to attain a height of 60 or 70 feet, this is invaluable. Our experience proves that it is the most rapid growing of all the annual climbers. During the summer season the vines are covered with hundreds of mammoth pure white flowers, which open in the evening and remain open until about noon the following day. In good rich soil, where the plant reaches the highest state of perfection, the flowers have been known to measure over 7 inches in diameter. Seeds sown in the early summer in a sunny situation and given plenty of water invariably give the best results. Pkt. 10c.

Setosa. *Brazilian Morning Glory.* A robust, vigorous growing climber with immense leaves, often measuring ten to twelve inches across. The vine is covered with short reddish hairs, which, with its enormous leaves and peculiar cluster of seed capsules, render it a decidedly attractive ornamental climber. The blossoms, which are of a peculiar blue or reddish purple, are borne in clusters of from two to three each. For covering a piazza, arbor, or the trunk of an old tree it is one of the most desirable of plants. Pkt. 10c.

Mixed. We offer a choice mixture of the different varieties of this class of climbers. Pkt. 10c.

IPOMOPSIS. (See cut opposite page.) *Tree Cypress.* Half hardy biennial. Handsome, free-flowering plants; dazzling flowers; effective for conservatory and outdoor decoration. Pkt. 5c.

JACOBEOEA MIXED. Annual. These are showy flowers of the gayest colors imaginable. They grow about 12 inches in height, and are continuously in bloom through the entire summer. Valuable for cutting, and used in bouquets. Pkt. 5c.

LANTANA. Tender perennial. Handsome free-flowering genus, with brilliantly colored flowers; for pot-culture or for bedding. Pkt. 5c.

LAVATERA TRIMESTRIS. (See cut.) Annual. These are remarkably bushy, upright growing plants attaining a height of 3 feet, and producing large, showy single flowers of various shades of pink, rose, red and pure white. Grows rapidly from seed, and gives splendid results in moderately rich soil. Pkt. 5c.

LEPTOSINE MARATIMA. (See cut.) Annual. A half hardy annual which grows to a height of about 2 feet, and produces brilliant yellow flowers in profusion during the summer months. It is one of the most easily grown of all of the annuals, and desirable for grouping in a bed with other flowers. Pkt. 10c.

LINUM. *Flowering Flax.* One of the most effective and showy bedding plants we have; habit of growth is slender and delicate.

Coccineum. Hardy annual. Dazzling Scarlet Blossoms. It is one of the most showy plants in cultivation and very popular for flower beds or growing in masses. The flowers are about one inch in diameter and borne in the greatest abundance during the season. Height one foot. Pkt. 5c.

Perenne, Mixed. Hardy perennial. Although not entirely new, it is one of the most beautiful hardy perennials that can be produced. The flowers are borne in great abundance on long, slender, wiry stems or branches, giving them the appearance of flowers floating in the air. They grow rapidly from seed and generally blossom freely the first season. We know nothing in the line of perennial flowers which can equal our mixture of this class; different shades of blue and pink as well as purest white blossoms. Pkt. 15c.

MONKEY FLOWER, OR MIMULUS. (See cut.) Tender perennial. These are tender perennials that bloom freely the first season, and are very popular for baskets, vases and also for house culture. They succeed best in a situation that is somewhat shady, and the flowers, as will be seen by the illustration, are peculiar in shape, and beautifully blotched and marked with the showiest colors imaginable, rivaling in their exquisite tinting the well-known Gloxinias. Pkt. 10c.



Hollyhock.



Leptosine.

LOBELIA.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. The



Lobelia.



Ipomopsis.



Lychnis Haageana.



Marigold, Yellow Queen.

hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.

COMPACT OR BEDDING LOBELIAS. Annuals.

1. **Crystal Palace Compacta.** (See cut.) Rich, dark blue flowers that are very desirable for bedding, as they form handsome little bushes completely covered with flowers. Pkt. 10c.

2. **White Gem.** The best pure white, forming a perfect ball of snow white flowers. It presents a most charming appearance. Pkt. 10c.

3. **Emperor William.** A thrifty growing variety with intense blue flowers. Rapid in growth; blossoms profusely. Pkt. 10c.

4. **Mixed Compacta Varieties.** Assortment including all kinds. Pkt. 10c.

ERINUS OR TRAILING LOBELIA. Annuals. Very fine for hanging baskets, boxes or vases. They grow in a drooping form, blooming in a short time from sowing of seed. We offer a few of the best sorts.

1. **Paxtoniana.** Clear white flowers with a distinct blue edge. Very showy. Pkt. 5c.

2. **Gracilis.** A beautiful shade of bright blue with a little white eye. Pkt. 10c.

3. **Speciosa.** Dark blue. The best variety for hanging baskets. Pkt. 5c.

4. **Mixed Lobelia.** We have made up an assortment of all classes and varieties and feel certain it is a collection which cannot fail to please our patrons. Pkt. 10c.

5. **Cardinalis.** Cardinal Flower. Perennial. It is a brilliant perennial variety, growing to a height of 3 feet and bearing spikes of showy scarlet blossoms. Pkt. 10c.

LUPINUS. Annual. Ornamental, free blooming garden plants with long handsome spikes and richly colored, pea-shaped blossoms. Very desirable for mixed flower beds. Our mixture includes all of the best flowering sorts. Height 2 feet. Mixed Sorts. Pkt. 5c.

LYCHNIS HAAGEANA, Hybrid Mixed. (See cut.) Hardy perennial. Handsome, showy plants of easy culture, that should be grown in every garden. We offer a mixture of the finest strains, and believe there are few plants that will produce such brilliant blossoms as the strains which we offer. The flowers are usually produced in clusters and borne constantly through the summer. Pkt. 10c.

MAIZE JAPAN, Zea Japonicus. Annual. A graceful and attractive foliage plant of easy culture that grows to a height of 5 or 6 feet. The handsome leaves are beautifully striped with white and green, and produce a most charming effect when grown in a mass on the lawn or in with a bed of shrubbery. Pkt. 5c.

MALOPHE GRANDIFLORA. Annual. Very beautiful annuals of upright, branching habit, growing to the height of about 2 feet, and bearing flowers of various shades of red, cream, purple and crimson, while some are a pure white. Pkt. 5c.

MINA LOBATA. This is one of the most charming climbers in cultivation. The growth is strong and luxuriant, bearing a profusion of projecting racemes of flowers 12 inches in length, alternately bright red, orange yellow and yellowish-white in color, according to maturity and development. Sow seed in February or March in the house and plant out in May, and this invaluable introduction will, under favorable conditions, by the month of August form a dense pyramid 18 feet high, if sufficient training space is given. Pkt. 10c.

MIRABILIS, Mixed. Marvel of Peru—Four O'Clocks. Beautiful summer blooming annuals, growing about 2 feet high, each plant bearing during the summer season hundreds of mammoth flowers of white, yellow, crimson, red and striped. The blossoms are funnel shaped, and usually open about 4 o'clock in the afternoon, remaining open all night and usually until about noon the next day. In France it is called "Beauty of the Night." They are of very easy culture, and succeed in any rich garden soil. Our mixture includes all the different shades found in this popular class of plants. Pkt. 5c, oz. 15c.

MATRICARIA, Double White. Double Feverfew. Annual. This is certainly one of the best free flowering annuals for garden culture that has ever been introduced. The flowers are small, perfectly double and very desirable for cutting to be used in bouquets, etc. They grow very rapidly from seed, flowering freely for a number of weeks. Pkt. 10c.

MAURANDIA, Mixed. Very charming, graceful climbers for outdoor culture during the summer season or house culture during fall and winter months. Plants are literally covered with rich purple, white and rose foxglove-shaped blossoms. We offer a choice mixture of all the different kinds, and an assortment that is sure to please our patrons. Pkt. 10c.

MARIGOLDS. Indian Rose. Old favorite free blooming annuals of easy culture that are very effective for growing in beds, and are a class of plants that seem to increase in popularity each year. They give the best results when sown in a light soil in the early summer, and prefer a location where they will receive the full exposure of the sun.

1. **Legion of Honor.** A remarkably pretty single flowered variety, growing to a height of about 6 inches and forming a compact bush which is literally covered during the summer season with bright golden flowers, each one of which is marked with a velvety crimson spot. Pkt. 10c.

2. **Yellow Queen.** (See cut.) Immense double dahlia-like blossoms that are produced in the greatest profusion. It is said to be the largest flowering marigold ever produced. Pkt. 15c.

3. **Tall Double African Mixed.** A carefully selected mixture taken from the best flowering varieties of different colors. Our assortment includes lemon, yellow, orange, sulphur, golden and light brown. Pkt. 5c.

4. **Double Dwarf French.** A beautiful little class, growing about 10 or

12 inches in height and producing a great profusion of double flowers of various shades and colors. Pkt. 5c.

5. **Gold Striped.** Double flowers of a rich brownish red, striped and marked with golden yellow. Pkt. 10c.

6. **Eldorado.** Charming large flowers, imbricated and very double. The colors are of all shades of yellow. Many of the individual flowers often measure three inches in diameter. Pkt. 10c.

7. **The Royal Marigold.** Introduced from Europe. The flowers are of an immense size and a rich golden yellow. For bedding or use in boxes it is one of the grandest plants that can be secured, as it blooms quickly from seed and the plants produce a great profusion of bloom for quite a long time during the summer season. Pkt. 10c.

MORNING GLORY. *Convolvulus.* Annual.

1. **Tall Mixed.** Well known quick growing annual climbers that will attain a height of from 30 to 50 feet in a season. The mixture we offer contains all the different shades of rose, blue, purple, crimson, as well as the new handsomely striped varieties of this class. Pkt. 5c, oz. 10c.

DWARF OR BUSH MORNING GLORIES. Beautiful plants, of trailing, branching habit, each plant occupying a space of 2 feet. At mid-day they are completely covered with a mass of most brilliant, many colored blossoms, which remain open in clear weather till evening. Half hardy annual, one foot high.

2. **White Queen.** Pure white. Very pretty. Pkt. 5c, oz. 15c.

3. **Blush Rose.** Delicate pink shaded rose. Pkt. 5c, oz. 20c.

4. **Imperial Blue.** Rich deep blue; a vigorous grower. Pkt. 5c, oz. 15c.

5. **Dark Red.** Deep shade of crimson, rich and showy. Pkt. 5c, oz. 15c.

6. **Lilac Belle.** A handsome shade of lilac or delicate lavender tinted rose. Pkt. 10c, oz. 25c.

7. **Mauritanicus.** Perennial. A beautiful trailing plant for hanging baskets, vases, etc.; blue flowers. Pkt. 10c.

8. **Mixed.** All colors. Pkt. 5c.

Imperial Japanese Morning Glories. (See cut.) Nothing ever introduced has created a greater sensation than this class of rapid-growing, free-flowering climbers. They are beyond question the handsomest of a handsome family, and well deserve their title of "Imperial" Morning Glories. Of the easiest culture; can be sown in open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, being of strong, rapid growth, and even before flowering are decidedly novel and interesting on account of the varied forms of the foliage and their markings. But it is when in flower that their marvelous beauty arrests the attention of every one. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow white to purple-black, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, indigo, bronze, slate, brown, cherry, ash gray, etc., while others are edged with white, having throats of one of the above colors, while in others this is reversed, the throats being white and the edging of colors.



Pkt. 10c, 3 pkts. 25c.

Japanese Morning Glories.



Myosotis.
Forget-me-not.

over in cold frames; if sown early in the spring they will flower the first season.
1. **Alpestris. Blue.** Pkt. 5c.
2. **Fairy Queen.** An exceedingly beautiful porcelain blue flower; plant dwarf, compact, bushy and vigorous. Pkt. 10c.
3. **Victoria Blue.** Of bushy habit, bearing large, bright, azure blue blossoms. Pkt. 10c.
4. **Victoria Rose.** Rose colored. Pkt. 10c.
5. **Victoria White.** One of the finest varieties in cultivation. Flowers pure white. Pkt. 10c.
6. **Palustris.** The true swamp variety, which does not bloom until the second year, but in moist, shady locations will grow and bloom for several years. Pkt. 5c.
7. **Mixed.** All colors. Pkt. 5c.

MOMORDICA. Annual. An odd climber, with yellow flowers and foliage similar to the Canary Bird flower. The fruit is very peculiar, being egg and pear shaped and covered with warty excrescences, and when ripe burst open, scattering the seed and showing a bright carmine interior. Very desirable for trellises, verandas and covering trunks of trees.

Balsam Apple. This has orange colored fruit that is very showy. Pkt. 5c.
Balsam Pear. Bright, copper colored scarlet fruit. Pkt. 5c.



NEMESIA, Mixed. Free flowering annuals which grow rapidly from seed and bear abundantly, during the summer months, brilliant flowers of various shades. Height, 15 to 18 inches. Pkt. 5c.
NEMOPHILA. (See cut.) *Love-grove.* Annual. Of neat, compact habit; blooming freely all summer, if planted in a rather cool, shady place, and in not too rich a soil. Pkt. 5c.

NERIUM. *Oleander.* Tender perennial. This old shrub is of easy culture, and flowers freely the greater part of the year. Sow seeds in gentle heat in February or March, in light, rich soil, which must be kept moist. When young plants are 3 or 4 inches high, repot in rich soil. The temperature in which plants are grown should not fall below 35 degrees. The young shoots made one season should bloom the next.

1. **Album.** White. Pkt. 10c.
2. **Mixed.** All colors. Pkt. 10c.

NIGELLA. (See cut.) *Love in the Mist, or Devil in the Bush.* Annual. A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil. Pkt. 5c.

MYOSOTIS. (See cut.) *Forget-me-nots.* Perennial. Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered



Nigella.



Nemophila.

NICOTIANA. Half-hardy annual.

1. **Affinis.** Very fragrant, pure white, star-shaped flowers, blooming continually. Pkt. 5c.

2. **Sylvestris.** Flowers very sweet-scented, long, pure white, hanging in racemes over the foliage. Pkt. 10c.

NIEREMBERGIA. (See cut opp. page.) *Cup Flower.* Perennial. A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early. Desirable for the greenhouse, baskets, vases or bedding out. Pkt. 5c.

OXALIS. (See cut opp. page.) Perennial. Beautiful small plants, suitable for the greenhouse, rock-work, or outdoor culture; flowering the first year. Blooms in clusters. Mixed. Pkt. 5c.

OXYURA. (See cut opp. page.) A most valuable little annual which grows to a height of 15 or 18 inches and produces an abundance of daisy-like flowers of lemon color. Pkt. 10c.

OENOTHERA. (See cut.) *Evening Primrose.* Annual. Charming free flowering plants, especially desirable for beds or borders of shrubbery. They are easily grown from seed and flower the first season. The flowers are saucer shaped, ranging from the purest white through the different shades of cream and yellow and are wonderfully sweet-scented. They are given the name of Evening Primrose on account of their opening very suddenly late in the day and making their most brilliant display during the early evening and before the sun is up in the morning. Particularly desirable for growing in beds with other plants, where it never fails to attract a great deal of attention. Pkt. 10c.

LOBB'S NEW CLIMBING NASTURTIUMS. A new class of this popular flower which produces a greater profusion of blossoms than the old sorts, but the flowers or foliage is not so large.

1. **Brilliant.** Deep shade of scarlet. Pkt. 5c, oz. 25c.
2. **Chaxianum.** A beautiful yellow with carmine blotches. Pkt. 5c, oz. 25c.

3. **Mercier Lacombe.** Rich purplish or violet crimson. Very handsome. Pkt. 5c, oz. 25c.

4. **Lilli Schmidt.** Brilliant orange scarlet. A profuse bloomer. Pkt. 5c, oz. 25c.

5. **Monsieur Colmet.** Dark brown. A handsome shade. Pkt. 5c, oz. 25c.

6. **Triomphe de Gand.** Clear shade of light scarlet. Pkt. 5c, oz. 25c.

7. **Lobb's Mixed.** This includes all the finest colors in this class. Pkt. 5c, oz. 25c, 1/4 lb. 75c.

MIGNONETTE. Reseda. Annual. A well known fragrant favorite. If the plants are thinned out they will grow stronger and produce large spikes of flowers. Fine for pot or garden culture, and can be had during the whole year by sowing at intervals.

1. **Odorata or Sweet.** The well known variety often spoken of as "Sweet Mignonette." Very desirable for bouquets on account of its strong perfume. Pkt. 5c, oz. 15c.

2. **Machet.** (See cut.) Popular in France, where it is extensively grown. Color bright red. Is of dwarf habit and splendid for pot culture. Pkt. 10c, oz. 65c.

3. **Giant White.** (See cut.) Grows to an immense size. Flowers large, fragrant and almost a pure white. Pkt. 10c, oz. 35c.

4. **Crimson Bell.** Color reddish crimson. Fine for either pot or garden culture. Pkt. 10c, oz. 50c.

5. **New Golden Queen.** (See cut.) Of all the additions among the annuals this lovely Mignonette is one of the most valuable. It is extremely beautiful in shape and color. The flowers are large and of a rich, golden shade. Pkt. 5c.

6. **Parson's White.** (See cut.) Large white spikes that are highly perfumed. Very popular for the open garden as it grows quickly and blooms profusely. Pkt. 5c.

7. **Allan's Mammoth.** (See cut.) When grown under favorable conditions and with proper care, spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant; much more so than any other variety. The individual florets are of immense size, forming a graceful as well as compact spike. Color the same as Odorata. Its keeping qualities are wonderful, the spikes lasting over two weeks after cutting. Pkt. 10c.

8. **Mixed.** Containing all of the above sorts. Pkt. 5c.
CANNA. Indian Shot. Half-hardy perennial. A genus of highly ornamental plants, remarkable for their large and handsome foliage. Finest imported mixed seed. Pkt. 5c.

MIGNONETTE

PARSONS
WHITE

GOLDEN
QUEEN

MAMMOTH

MACHET

GIANT WHITE
SPIRAL



Oxyura.



Nierembergia.



Oxalis Mixed.

NASTURTIIUMS. No flower is more popular than this magnificent class, which presents all the richest and most varied shades found in the floral world. The Tall growing sorts are unequalled for trellises or covering unsightly posts and fences, while the Dwarf varieties are found in nearly every window box or hanging basket. No better collection than the one we offer has ever been listed by an American seed firm, and it was only at a great expense that we were able to secure such a magnificent collection of Novelties in Nasturtiums.

DWARF VARIETIES.

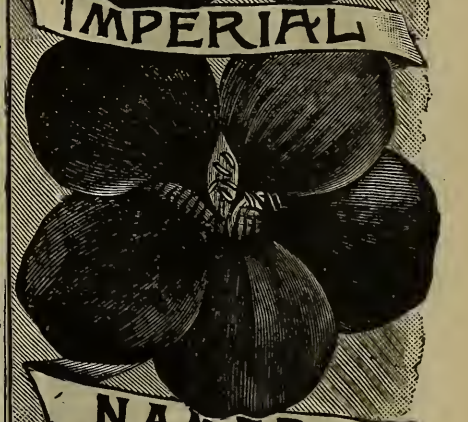
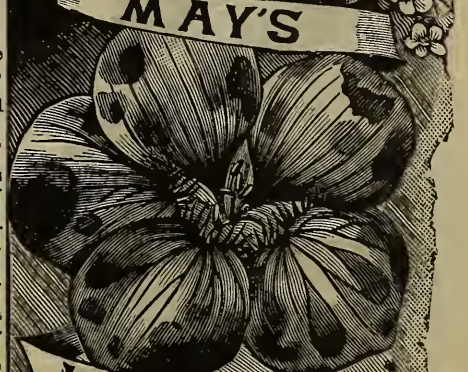
1. **Beauty.** Beautifully marked yellow and red. A most attractive variety. Pkt. 5c.
2. **Bronze.** A very beautiful sort; coppery bronze color. Pkt. 5c.
3. **Empress of India.** Dark crimson flowers with foliage of the deepest shade of green. Very handsome. Pkt. 5c, oz. 25c.
4. **Gem.** A handsome sulphur orange color spotted with deep maroon. A beauty. Pkt. 5c, oz. 20c.
5. **Ruby King.** Clear light rosy red, delicate in coloring and very free blooming. Pkt. 5c, oz. 20c.
6. **King Theodore.** Deep shade of maroon; foliage darker than any other dwarf sort. Very pretty. Pkt. 5c, oz. 20c.
7. **Yellow.** Clear creamy yellow, without any markings. Pkt. 5c, oz. 20c.
8. **The Rose.** Pinkish rose. A beautifully tinted variety. Pkt. 5c, oz. 20c.
9. **Bronze Prince.** Large flowers of a mahogany color, shading to a rich bronze; showy. Pkt. 10c, oz. 30c.
10. **Violet.** Distinct and handsome. Color, rich violet-purple, sometimes shaded with deep bluish-crimson. Pkt. 5c, oz. 25c.
11. **Prince Henry.** Cream shaded and spotted with scarlet, the edge of flowers often tipped with wine red. Pkt. 10c, oz. 30c.
12. **Mixed.** An assortment of many shades and colors. This mixture will give as good results as many high priced mixtures offered by other firms. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.
13. **Star Mixed.** The most beautiful assortment of colors that can be obtained from one of Europe's leading specialists. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00.

TALL OR CLIMBING.

1. **King Theodore.** Rich dark crimson. The leaves are a deep green and very handsome. Pkt. 5c, oz. 20c.
2. **Rose.** Clear rose shade, a delicate color and very free blooming. Pkt. 5c, oz. 15c.
3. **Orange.** Bright orange, very showy. Pkt. 5c, oz. 15c.
4. **Chocolate Queen.** One of the richest shades found in this class of flowers. Color, deep velvety brown or chocolate. Pkt. 10c, oz. 25c.
5. **Sunbeam.** Pure yellow, without any markings. Very pretty when grown with other colors. Pkt. 5c, oz. 15c.
6. **Scarlet.** Rich scarlet. Very handsome and extremely showy. Pkt. 5c, oz. 20c.
7. **The Pearl.** New and distinct. Almost a clear pearl color. The most delicately tinted variety we have ever seen. Pkt. 10c, oz. 20c.
8. **Blotched Beauty.** Delicate creamy white blossoms, which are beautifully marked with crimson, maroon or brown. Pkt. 15c, oz. 35c.
9. **Crimson Prize.** Rich crimson, a deep velvety shade that is very handsome. Pkt. 10c, oz. 20c.
10. **Regelianum.** Dark violet crimson variety. Very free flowering and exceedingly attractive. Pkt. 5c, oz. 20c.
11. **Hemisphaericum.** A perfect gem. Flowers large, of a clear orange or straw color and richly marked with rosy scarlet. Pkt. 5c, oz. 20c.
12. **King of Blacks.** This, we believe, is the darkest colored variety ever produced. Color, a deep blackish brown, sometimes shaded with a dark crimson. Pkt. 10c, oz. 35c.
13. **Mixed.** A splendid mixture, including many shades and colors. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 90c.
14. **Imperial Mixed.** This embraces the choicest varieties found in this magnificent class of flowers, ranging in shades from the most delicate cream to the richest and deepest colors. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75.
15. **Ed Otto.** A most delightful variety of brownish lilac color. A very pleasing sort. Pkt. 5c.

7 Packets for 25c.

To induce our friends to plant Nasturtiums liberally this coming season we will send 1 packet each of seven different varieties for only 25c. This allows you to select either Dwarf or Tall sorts and is an offer unequalled by any other firm.



Dwarf Nasturtiums, Empress of India.



RARE PANSIES

Biennials.

as to type and germinative qualities, so that we offer with all confidence the following varieties, knowing that they will give our customers most perfect satisfaction. Seed may be sown in the house in January, February or March and the plants set out in the open ground after all danger from freezing is past. In the open ground, sow very early in spring while the ground is yet cool and moist, for late summer and fall bloom, or in August and September for spring and early summer bloom. For fall sown seed have the bed moist and kept shaded by boards or paper, until the plants appear. These will make vigorous plants that will endure the winter if protected by light covering. Do not let the plants seed if you wish to keep them in bloom. The seed which we offer is carefully saved and will produce the most perfect flowers.

1. **Alpine Belle.** A very pleasing light blue, large and showy. Pkt. 10c.

2. **Beauty.** Clear fawn shade. A perfect beauty. One of our customers wrote us that our Beauty Pansy was the prettiest variety she had ever seen. Pkt. 10c.

3. **Black Prince.** A great improvement on Faust, the well known black variety. Flowers much larger and produced in greater abundance. Pkt. 15c.

4. **Blue Prince.** A rich dark purple or blue-black, shading to lavender. The seed of this variety we have procured from one of the largest growers of pansies in England. Pkt. 20c, 3 pkts. 50c.

5. **Bronze Queen.** Of all the new and choice varieties this is one of the most beautiful we have ever seen. The flowers are of good size and produced in great profusion. The colors are a rich brown or bronze, shading to light mahogany. Very choice. Pkt. 20c, 3 pkts. 50c.

6. **Butterfly Pansies.** This strain has been named the Butterfly Pansies on account of the delicate colors which are always found in these flowers. They have been all the rage in Europe lately, and we know they will become very popular here when once known. Pkt. 20c, 3 pkts. 50c.

7. **Cassier's Giant.** Mammoth flowers of every conceivable color. Pkt. 15c.

8. **Emperor Frederick.** Highly recommended by leading flower seed specialists in Europe where it is considered a decided novelty in pansies. It is a rich, deep purplish-red with golden bronze center and a broad margin of scarlet and yellow. An oddly beautiful variety that all should try. Pkt. 10c.

9. **Excelsior.** Rich blue with yellow eye. Showy when grown in a bed with light colored sorts. Pkt. 15c.

10. **Faust, King of the Blacks.** The darkest variety grown. Almost a coal black. Pkt. 10c.

11. **Fire Dragon.** A deep fiery red, very striking and handsome. Pkt. 10c.

12. **Fire King.** Upper petals and part of lower a deep brownish red, balance of flower golden yellow. Very showy. Pkt. 10c.

13. **Giant Emperor William.** Flowers of a beautiful shade of blue, which gradually deepens to purple. Pkt. 10c.

14. **Giant Striped.** Beautifully striped pansies of the richest shades imaginable. Pkt. 5c.

15. **Lord Beaconsfield.** Light blue and purple. One of the finest. Pkt. 10c.

16. **Golden Queen.** Flowers are a bright golden yellow and exceedingly large, often measuring 2½ inches in diameter. The seed which we offer is saved from the finest selected strains. Pkt. 25c, 3 pkts. 60c.

17. **Gloriole.** One of the grandest pansies we have ever seen. A lovely deep blue shading to lavender and edged with light cream. Pkt. 15c.

18. **Gorgeous.** Crimson red, shading to deep brown. A very beautiful variety. Exceedingly showy when grown with light colored sorts. Pkt. 10c.

19. **Improved Snow Queen.** Pure white, very popular with growers of the pansy. Pkt. 10c.

20. **King Rufus.** The deepest colored of the now famous "red pansies." It opens a rich deep crimson, which changes to a brownish shade, giving it a most novel appearance. Pkt. 20c, 3 pkts. 50c.

21. **King of the Yellows.** A bright yellow which is exceedingly fine for bedding. Free blooming. Pkt. 10c.

22. **Mahogany.** Most beautifully marked. Pkt. 10c.

23. **Marginata.** Violet purplish or deep blue; border creamy white. Pkt. 10c.

24. **Ocean Spray.** Blue, edged white, very pretty. Showy when among other varieties. Pkt. 20c.

25. **Orange Prince.** Probably one of the showiest of the golden yellow varieties. Center shades to a rich brown. Exceedingly handsome. Pkt. 10c.

26. **Prince Bismarck.** Brown and golden bronze marbled, remarkably beautiful. Pkt. 10c.

27. **Purple Goldedge.** Intense purple, edged with golden yellow. Pkt. 10c.

28. **Purple Gem.** Rich purplish black. One of the darkest colored varieties in our list. Pkt. 10c.

29. **Rainbow or Tiger.** Originated in Germany and is a decided addition to the pansy family. The blossoms are of a good size and include many shades and colors, all of which are striped and blotched in the most peculiar manner. Pkt. 20c, 3 pkts. 50c.

30. **Sensation.** Rich shade of dark red. Very showy. Pkt. 20c.

31. **Shah.** Beautiful bronze, tinged with light brown and mahogany. Handsomely shaded. Pkt. 10c.

32. **Sunbeam.** Rose, shaded and tinted with pink, or sometimes marbled with rose. A peculiarly beautiful variety. Pkt. 10c.

33. **Swanley Blue.** Clear light blue, sometimes shading to a cream white at edge. Pkt. 10c.

34. **Violet.** Lovely shade of violet, edged with white. Pkt. 10c.

Black. Nearly all are deep purple or jet black. A good strain. Pkt. 5c.

White. A selection of white varieties. Pkt. 5c.

Yellow. Clear yellow blossoms. A good strain. Pkt. 5c.

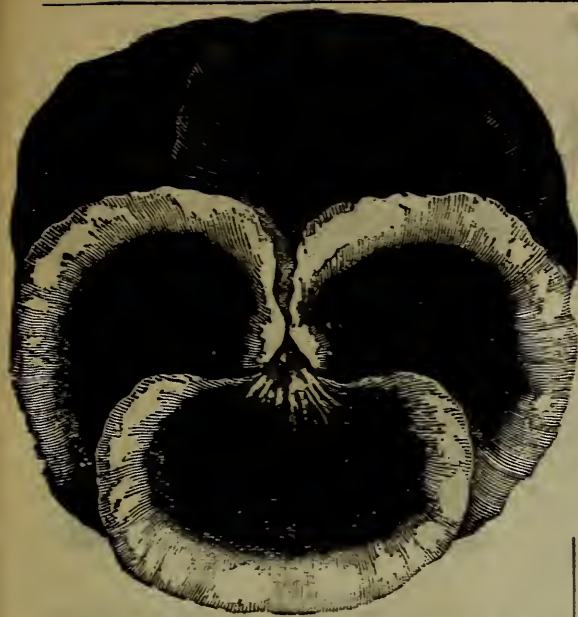
Red Shades. Contains seeds of the dark reddish colored varieties. Pkt. 5c.

Blue. Selected from the different kinds of blue sorts. Pkt. 5c.

Bronze. Different shades of the brownish bronze kinds. Pkt. 5c.



REPRODUCED BY L. L. MAY CO.



PARIS PRIZE PANSIES. A superb collection of imported varieties. This is a charming collection of varieties which we have procured direct from leading seed growers in Europe. The Paris Prize Pansies are not only noted for their size and beautiful coloring, but also for the freedom with which their flowers are produced. They begin to bloom very early and produce an almost endless array of flowers of all colors until cut down by the severe frosts. Giant French mixed is a grand mixture of all the leading colors found in the European varieties of this class of flowers.

1. **Marseilles Gem.** Tinted a most delicate shade of light blue. One of the loveliest colors imaginable. Pkt. 10c.

2. **Napoleon III.** Deep, bronzy red. A peculiar color, but one that never fails to excite admiration, especially in this class of plants. Pkt. 10c.

3. **Royal Purple.** Almost a black, so deep is the coloring of this purple beauty. Its rich velvety flowers are sure to please everyone. Pkt. 10c.

4. **President Faure.** A beautiful white pansy of large size, each blossom having a distinct dark eye. Pkt. 10c.

5. **Gloire de Lyon.** Curiously marked and striped flowers that make a charming display when grown in a bed with other colors. Pkt. 10c.

6. **Giant French Mixed.** A grand assortment of the finest European varieties, including all the shades known to that class. Pkt. 10c.

NOTE. For 50 cents we will send one packet each of the above SIX RARE PANSIES.

FINE GERMAN PANSIES. Six of the best named varieties. For years Germany has been recognized as headquarters for certain strains of Pansy Seeds, and the past season we made arrangements with one of the leading specialists for a few of the latest and best varieties.

1. **Lady in White.** Beautiful white variety of good size and perfect form. Pkt. 10c.

2. **Prince Bismarck.** Brown, marbled and tinged with golden bronze. Pkt. 10c.

3. **Pride of Berlin.** An odd black variety which is tinged with golden cream bronze. A shade new to this class. Very scarce. Pkt. 10c.

4. **Maria Theresa.** Shaded rose and pink. Pkt. 10c.

5. **Frederick the Great.** Yellow, with a dark shading at the center. Pkt. 10c.

6. **German Prize Mixed.** This mixture includes ten of the leading named varieties and a grand mixture of the finest different strains so popular in Germany. The flowers are of large size and freely produced. Pkt. 10c.

NOTE. One packet each of the six German Pansies for 50c.

A FEW CHOICE MIXTURES. Those of our customers who do not care to grow separate varieties as listed by us, but want choice mixtures for bedding on the lawn, will find the following mixtures very pleasing and satisfactory. We make all these mixtures ourselves, putting in only the best named varieties.

1. **May's Special Mixture for Florists.** For years past we have made Pansy seeds our specialty and the thousands of testimonials and the large number of florists that we supply annually with seeds prove conclusively that our strains of this popular flower are unsurpassed. The plants produced from this mixture are of the greatest vigor and perfection in growth as well as beauty in size, color and shape of the flowers. The collection that we offer has been carefully selected from over a hundred strains which we have tested in our greenhouses, and we are positive that there is not another firm in the world that can offer a finer mixture. Some of the flowers will be solid colors of large size, while others will be blotched, stained, marked or margined in the showiest manner. The rich and varied colors of this mixture cannot fail to please the most exacting pansy specialists. We have tried many of the high priced mixtures offered by various houses,

and while some of them are very fine we are confident that none will prove as satisfactory in form of flower, firmness of texture or freedom of bloom as May's Special Mixture. Pkt. 35c, 3 pkts. \$1.00, 1/4 oz. \$1.50, 1/2 oz. \$2.75, oz. \$5.00.

2. **May's Royal Mixed.** This mixture contains over 30 of the leading varieties and strains, and will produce a bed of pansies which for size, coloring and freedom of bloom will be the admiration of all who see it. While not so expensive as our Special Mixture, it is thoroughly first-class in every particular, and we know equal to some that is being sold at nearly double this price by some firms. In making up this collection we have endeavored to select the thriftiest and strongest growing varieties, such sorts as we know by experience would prove of the greatest value to the amateur. Large pkt. 25c, 5 pkts. \$1.00, 1/4 oz. \$1.00, 1/2 oz. \$1.75.

3. **English Show Mixed.** This is made up of the famous English varieties which are unsurpassed for brilliancy of colors and choice markings. The varieties comprised in this collection are the best standard sorts and all the recent introductions of merit. Try them, they are sure to please you. Pkt. 10c.

4. **Giant Belgian.** A strain of large flowering pansies that has become very popular of late. The strain includes all shades and colors, and is one of the finest for rich coloring we have ever grown. Pkt. 15c, 2 pkts. 25c.

5. **Normandy Mixed.** This strain is imported direct from the old country and includes all the popular shades found in this magnificent class of flowers. Many of the blossoms are beautifully margined with white or gold, while others range from the lightest to the deepest colored shades imaginable. Pkt. 25c, 5 pkts. \$1.00.

6. **Star Mixed.** This splendid mixture is made up of the following sorts and will make a magnificent display: Golden Queen, Snow Queen, Bronze Queen and Faust. Pkt. 25c.

7. **Imperial German Show.** Of German origin. Celebrated for the rich coloring of the flowers. Pkt. 10c, 3 pkts. 25c.

8. **Trimardeau or Giant Mixed.** A magnificent strain noted for the immense size of their flowers. Pkt. 10c.

9. **Common Mixed.** A good mixture of common varieties. This will produce an abundance of showy blooms, though not as large or beautiful as the more expensive mixtures. Pkt. 5c.

PANSY SEEDS AT 5 CENTS PER PACKET. We have heard it said that good pansy seeds could not be sold at 5c per packet. This is a mistake, and we propose to show our many friends that we can supply them with almost all the colors at the above price, and give them regular size packets. Of course the seed is not so carefully saved or selected from the largest flowers, but it is very good, and we are certain those who invest will be perfectly satisfied. If you want the very finest varieties and most perfect blossoms, we must ask you to pay a little more and get our named varieties. List at bottom of page 76.

SPECIAL PRICES FOR LARGE GROWERS. For the benefit of our friends who grow large quantities of pansies for marketing or home decorations we have decided to quote the leading varieties in bulk.

We know you cannot obtain finer strains than these we offer or a nicer collection of named pansies.

	1/4 oz.	1/2 oz.	oz.
Beauty	\$.50	\$1.00	\$1.50
Blue Prince	.50	1.00	1.50
Bronze Queen	.60	1.00	1.75
Butterfly	.75	1.50	2.50
Cassier's Giant	1.00	2.00	
Faust	.65	1.25	2.00
Giant Emperor William	.40	.75	1.25
Golden Queen	.65	1.25	2.00
Snow Queen	.40	.75	1.25
King of Yellows	.40	.75	1.25
Giant French Mixed	.75	1.50	2.50
German Prize	.60	1.00	1.75
Florists Special	1.50	2.75	

	1/4 oz.	1/2 oz.	oz.
Royal Mixed	1.00	1.75	
English Show Mixed	.75	1.25	2.00
Common Mixed	.35	.60	1.00



Phlox Quedlinburg.

PHLOX DRUMMONDI. Annual. The various varieties of this flower are noted for extreme richness of color, profuseness of blossom and length of duration in bloom. It is one of our finest annuals, and, whether in beds, clumps or masses, looks equally beautiful.

GRANDIFLORA. Tall, large flowering sorts. Our seed has been carefully collected from the best large flowering varieties.

1. **Prince Arthur.** We are proud of this magnificent large flowering white variety which we introduced several seasons ago, as it has proven to be of the greatest value for cutting to be used in bouquets. The strain has been carefully saved and will produce great clusters of snow white blossoms. **Pkt. 10c.**

2. **Queen Victoria.** (See cut.) An immense flowering white variety bearing great clusters of flowers on strong, stiff stems 18 or 20 inches high. Seed sown in the early spring will begin to flower by July and the plants will be literally covered with blossoms until late in the autumn. It is extensively used by florists in cut flower work and is very desirable for bouquets. **Pkt. 15c.**

3. **Isabellina.** The most novel color in all this class of flowers. Blossoms open a delicate cream yellow which frequently shades to clear light salmon. Splendid for cutting to be used in bouquets, etc. A new shade in this grand collection of summer favorites. **Pkt. 10c.**



Phlox, Queen Victoria.

4. **Double Yellow Gold King.** See specialties.
 5. **Star of Quedlinburg.** (See cut.) The long, pointed center teeth of the petals giving the flower an elegant, star-like form, their beauty being much enhanced by the white margin to the petals. **Pkt. 10c, 3 pkts. 25c.**
 6. **Eastern Queen.** Rich, deep crimson rose. **Pkt. 20c.**
 7. **Aylesbury Prize.** (See cut.) Marked and striped with white and crimson. **Pkt. 15c.**
 8. **The Countess.** A lovely shade of rosy pink. **Pkt. 15c.**
 9. **Fireball.** Intense fiery scarlet. A very bold, majestic flower, especially valuable when sown with other sorts, as by contrast with them its intense beauty is brought out. **Pkt. 10c.**



Phlox, Aylesbury Prize.

10. **Crimson White Eye.** Flowers of most striking beauty, an intense crimson with a distinct white eye. **Pkt. 10c.**

White, **pkt. 10c;** Rose, **10c;** Scarlet, **10c;** Blood Red, **10c;** Red Striped White, **10c;** Giant Mixed, **5c.**

DWARF PHLOX. This class grows only 6 or 8 inches high, and is very desirable for planting in window boxes as well as for bedding. Blooms freely.

1. **White.** **Pkt. 10c.**
 2. **Scarlet.** **Pkt. 10c.**
 3. **Leopoldi.** Clear carmine with a pure white eye; very showy. **Pkt. 10c.**
 4. **Mixed.** All shades and colors. **Pkt. 10c.**

MIXED PERENNIAL PHLOX. For a permanent flower bed few plants are more desirable than this class, as they are perfectly hardy, needing no protection, and will flourish in any soil. The mixture which we offer produces an almost endless variety of colors, tints and markings ranging from pure white to crimson, pink or rose, while others are striped and mottled or blotched in the most peculiar manner. **Pkt. 10c.**



Tree Poppy.



Poppy, Fairy Blush.



Poppy, Lavender Gem.



Shirley Poppies.

PORTULACA. Moss Rose. Annual. Valuable dwarf growing little plants that will make a dazzling display when grown in a bed. They usually begin to flower the latter part of June, blooming abundantly until killed by the frost. They are tender annuals, growing from 6 to 9 inches in height and give the best results when grown in a somewhat sandy soil and dry location.

1. **Single Aurantica.** A rich golden yellow color. **Pkt. 5c.**
 2. **Single Alba.** Pure white. **Pkt. 5c.**
 3. **Single Scarlet.** A bright shade. **Pkt. 5c.**
 4. **Rose.** A delicately tinted variety. **Pkt. 5c.**
 5. **Carnation Striped.** Very showy. **Pkt. 10c.**
 6. **Single Mixed.** All colors. **Pkt. 5c.**
 7. **Double Mixed.** This strain of Portulaca is by far the most beautiful we have ever seen. The flowers are of every conceivable shade, and resemble in form little "moss roses." Our experience is that the seed will produce nearly 60 per cent double flowers, although some firms claim a larger percentage. We are certain of one thing, however, and that is, our strain will produce as great an amount of double flowers as any that can be secured. **Pkt. 15c.**

PYRETHRUM. Hardy Perennial. Handsome, hardy herbaceous plants of rapid growth and easy culture. They usually grow about 15 or 18 inches in height.

Aureum. It is also called "Golden Feather" on account of its bright rich yellow foliage. Grows about 10 or 12 inches high and is very fine for bedding purposes. **Pkt. 5c.**

Laciniatum. This is said to be a wonderful improvement on the above variety as the foliage is very finely fringed and of a rather more graceful appearance. **Pkt. 10c.**

CACALIA. Tassel Flower, or Flora's Paint Brush. Annual. A neat annual, of easy culture, with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet. **Pkt. 5c.**

ASPERULA AZUREA SETOSA. Annual. A profuse flowering, dwarf growing plant, which bears an abundance of sweet scented, lavender-blue blossoms. The plants are of strong growth, and bloom freely from July until killed by the severe frosts. **Pkt. 5c.**

CALLA ETHIOPICA. Tender Perennial. The Calla of the Nile. **Pkt. 10c.**

AZALEA INDICA. Perennial. A magnificent shrubby plant which is covered with a mass of different colored flowers. **Pkt. 10c.**



POPPIES. Annuals. A great advance has been made in recent years in the development of the poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period. Annual poppies should be sown where they are to remain, as they do not stand transplanting.

1. **Peacock.** (See cut.) A new and exceedingly pretty poppy, growing about two feet high and blooming freely. The most striking feature of the flower is the conspicuous glossy black zone near the center, which brings out the vivid scarlet and cherry crimson of the rest of the flowers. Pkt. 10c, 3 pkts. 25c.

2. **Snowdrift.** (See cut.) None of them can approach the Snowdrift for neat and compact habit of growth or immense size of flowers, frequently measuring $2\frac{1}{2}$ to 3 inches in diameter. It is a profuse bloomer, covering its foliage with pure white flowers. Pkt. 10c, 3 pkts. 25c.

3. **The Mikado.** (See cut.) One of the most charming sorts of the poppy family has been sent to this country from Japan, and is in form and character essentially a Japanese flower in its quaint yet artistic beauty. Flowers pure white at the back, its fringed edges crimson scarlet. Pkt. 10c, 3 pkts. 25c.

4. **Fairy Blush.** Few poppies can equal this in beauty, and no others remain nearly so long in flower. A bed of these presented one continuous succession of flowers for fully two months, and it was the admiration of all visitors. The mammoth flowers are perfectly double, and measure from 10 to 13 inches in circumference. The petals are elegantly fringed with pure white, except at the tips, where they are distinctly colored with rosy cream. Pkt. 5c.

5. **Scarlet Tulip Poppy.** One of the most showy varieties in the entire collection. The plants grow quickly from seed to a height of about 14 inches, producing large, vivid scarlet blossoms, which have a dark spot at the base of the petal. Well grown plants will often produce 50 or 60 of these showy flowers. Its flowering season is longer than most varieties, and usually an abundance of bloom is produced for 6 or 7 weeks in succession. Pkt. 10c.

6. **Lavender Gem.** Flowers extra large and very double. The blossoms are a clear lavender, and one of the most beautifully tinted varieties we have seen. Pkt. 10c.

7. **Shirley Poppies.** (See cut. opp. page. These lovely poppies represent an entirely new strain of the Ranunculus-flowered family. They range in color from pure white through many shades of pale pink, rose and carmine, ending in the deepest crimson; many delicately edged, blotched and striped, which adds greatly to their loveliness. The form of the flower is most beautiful, generally single or semi-double, and will be found very valuable for table decorations. Pkt. 10c.

8. **Crimson Queen.** Large, double variety, with crimson colored flowers of perfect form. Pkt. 10c.

9. **California White.** A half-hardy perennial, bearing enormous flowers for several weeks during the season. It is sometimes called "Bush or Giant Poppy." In the habit of growth it resembles a dwarf tree. Pkt. 10c.

10. **Imperial Mixed Poppies.** This is a magnificent mixture of over 20 of the best named flowering sorts. This mixture includes Mikado, Danebrog and Lavender Gem, besides over 15 other choice poppies. Pkt. 10c.

11. **Mephisto.** (See cut.) Extra large flowers of a scarlet shade, with deep, violet purplish spots. Pkt. 10c.

12. **Paeonia Flowered.** A gloriously beautiful class of these favorites, with immense double blossoms of every conceivable shade and color. Pkt. 10c.

13. **The Tree Poppy.** A native of the southern part of California, where it grows to a height of 2 or 3 feet, and produces its beautiful golden flowers in the greatest profusion. It is a strong, rapid grower, and makes a most beautiful plant for the lawn or for pot culture in the house. Per pkt. 35c.

14. **Umbrosom.** Richest vermillion, with a deep shining black spot on each petal, thus forming a black cross. Pkt. 5c.

POLYANTHUS. Mixed. The flowers are produced very freely and are of the richest shades and colors. Seed should be sown in the house in rather shallow boxes in well pulverized, rich soil that has enough sand in it to make it porous. When set in the garden the plants succeed best in rich soil and a position that is moist and partially shaded. Pkt. 15c.

PRIMULA. *Primrose.* Tender perennial. This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important winter-blooming pot plants. The seed we offer is of the highest merit, and has been saved from the best strains of English and Continental growth. Sow in March, April or May.

Japonica, Mixed. These are semi-hardy and with protection will stand the winter, but will do better if protected by a cold frame. The flowers are bright and showy, borne in clusters on stems 6 to 9 inches in length. Pkt. 10c.

Acaulis. The hardy garden Primrose; succeeds with winter protection in almost any location, throwing up its beautiful little flowers quite early in spring. Pkt. 10c.

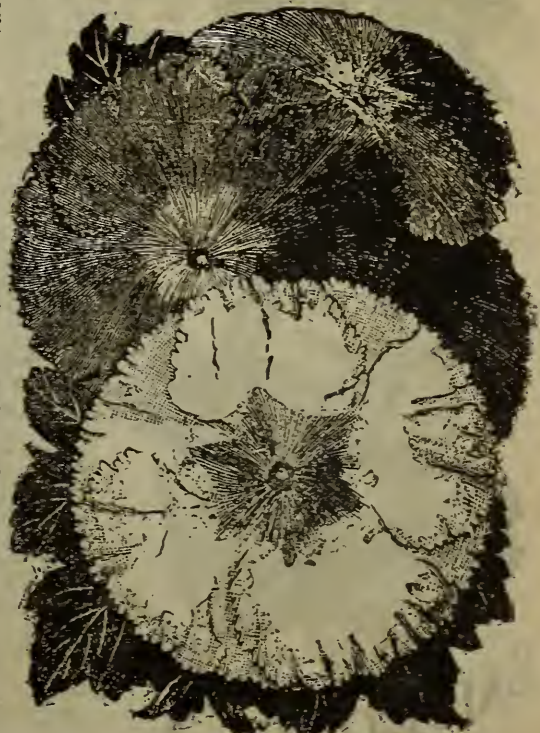
Primula Obconica Grandiflora. A novelty of the Primrose family. It is a strong, compact grower, forming immense clumps of beautiful green leaves, from which rise tall and graceful stems bearing aloft large fringed flowers of a delicate pink tinge. Easily grown from seed. Pkt. 15c.

CHINESE PRIMROSE. (See cut.) To this class belong the beautiful large flowering varieties so much admired. The markings are indescribably beautiful.

1. Single Fringed. Blue. Pkt. 25c.
2. Single Fringed. Crimson. Pkt. 25c.
3. Single Fringed. Red. Pkt. 25c.
4. Single Fringed. Striped. Pkt. 25c.
5. Single Fringed. White. Pkt. 25c.
6. Single Fringed. Mixed; all colors. Pkt. 25c.
7. Single. Mixed; all colors. Not fringed. Pkt. 15c.
8. Double Fringed. Mixed; all colors. Pkt. 25c.



Poppy, Mephisto.



Chinese Primrose.



Petunia, Single Fringed.



Rhodchiton—Purple Bells.

from the most carefully hybridized flowers produces but a small percentage of double flowers, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

1. **Double Large Flowering Fringed Mixed.** (See cut opposite page.) This strain is selected from carefully hybridized plants and will produce a high percentage of double flowers, all most beautifully fringed, blotched and marked. Pkt. 30c.

2. **Double Mixed.** Not as good a strain as the above, but one containing many of the best varieties, that will please our customers in every respect. Pkt. 15c.

3. **Imperial Mixed.** In this collection will be found all the choicest varieties in this lovely class of flowers. The mixture is made up by ourselves and includes the latest shades and colors. Pkt. 10c.

Good Double Mixed. A good strain of seed which will produce a large number of handsome double petunias. Pkt. 10c.

PALMS, Mixed. Tender perennials. These most ornamental and decorative plants may easily be grown from seed, providing the right varieties are secured. In making up our mixture we have endeavored to obtain the most rapid growing varieties which are of the easiest culture, and know that what we offer cannot fail to give perfect satisfaction. Palm seeds should be sown quite thickly in clean, well drained pans or boxes and covered about their own depth with soil, which should be very fine, consisting of about two-thirds yellow loam and one-third sand. When two or three leaves are formed on the seedling plants they may be transplanted to very small sized pots and placed

MAY'S CELEBRATED PETUNIAS. Annual. For outdoor decoration or house culture few plants equal the petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost. Easily cultivated, only requiring a rich soil and a sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection. The past season we tested samples received from the leading petunia specialists of the world, and we can safely say without fear of contradiction that our strains are as good as can be secured in the world.

1. **Countess of Ellesmere.** Single pink, with white throat. Valuable for bedding. Pkt. 5c.

2. **Defiance.** We have frequently measured flowers over 5 inches in diameter, while the colors are indescribably rich and varied. Many of the flowers are beautifully fringed and are delicately veined, giving the throat the appearance of great depth. Pkt. 10c.

3. **General Dodds.** The richest color in this popular class, being a deep, velvety red. It grows quickly and blooms profusely for several months. Very desirable for growing in a bed with other varieties. Pkt. 10c.

4. **Inimitable.** A charming single flowering petunia with good sized blossoms, which are striped and blotched with cherry, pink and white. Pkt. 10c.

5. **Intus Aurea.** The yellow-throated petunia, so valuable for the garden. Pkt. 20c, 3 pkts. 50c.

6. **Moonlight.** The largest and best flowering single white petunia we have ever seen. The plant is covered the entire summer with its immense snow white blossoms. Pkt. 15c, 2 pkts. 25c.

7. **Rose Queen.** A beautiful rosy pink petunia. Sure to please you. Pkt. 10c.

8. **Red Cross.** A remarkably showy variety of German origin, and for beds and boxes is certainly one of the handsomest petunias that can be grown. The flowers, although not so large as some, are beautifully striped, and never fail to attract attention wherever seen. Every reader of our catalogue who grows flowers should secure a packet of these lovely petunias. Pkt. 10c.

MIXED VARIETIES. These mixtures are made by us from the best named varieties and are sure to please our customers in every way. We know of no class of flowers which reward the cultivator as handsomely as petunias. They require but little care or attention, produce immense crops of flowers, re-seed themselves from year to year, and render many an uninviting nook or corner a "thing of beauty" and a "joy forever." The mixtures named below contain many high priced novelties of recent years.

1. **Giants of California.** Flowers of an immense size, many single blossoms measuring over 4 inches in diameter. They are of various colors, ranging from light rose to the deepest shades imaginable. Pkt. 15c.

in a somewhat moist atmosphere where a high temperature may be maintained. Repotting should be conducted according to the growth of the plants, as some varieties grow faster than others. Pkt. 20c.

PALAVA FLEXUOSA. Annual. In Europe this is considered one of the most beautiful classes of annuals that can be secured. The flowers are remarkably showy, being of a handsome pink shade with black throats, entirely distinct from anything else we know of. Pkt. 5c.

PASSION FLOWER. (See cut opposite page.) Handsome, rapid growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer.

Mixed Varieties. Pkt. 5c.

PENTSTEMON. Hardy annual. Remarkable for the abundance and beauty of their individual blossoms; in bloom from July to October.

Mixed Colors. Pkt. 5c.

PELARGONIUMS, Choicest Mixed. *Lady Washington Geraniums.* Tender perennials. These are as easily grown from seed as the common sort of geraniums which are used for garden culture. Nothing in the line of flowering plants can equal this class in richness of color, size of flowers or habit of growth. The markings of some of the flowers are unequaled by any other class, rivaling in their delicate shading and richness the most expensive orchids. Many of the choicest named varieties are included in our mixture of this magnificent strain. Pkt. 50c.

PHACELLA CAMPANULARIA. Annual. A rapid growing, free flowering annual that will produce blossoms about four weeks after the seed is sown in the open ground. The flowers are borne upright, of a cup shape and the most lovely shade of blue. It flowers a long time in the open garden, and in Europe it is considered one of the most beautiful plants for pot culture. We offer the very finest strain obtainable. Pkt. 10c.

PLATYCODON GRANDIFLORA. *Chinese Bell Flower.* Hardy perennial. One of the most beautiful flowers that can be grown for the border or for window boxes, vases or to be massed in gardens and to be used for cut flowers. They bloom readily the first season from seed, although perennials, and the plants live in the ground through the winter, blossoming profusely year after year. The bright, star-like flowers are from 3 to 4 inches across and very freely produced. The strain of this flower which we offer our patrons will give the largest and most perfect blossoms. Pkt. 10c.



Butterfly Flower.



Passion Flower.

red. The flowers are about two inches long, curiously formed and of a rich claret red, and hang on long graceful stems. It flowers freely from seed the first season. Pkt. 10c.

ROSE. Dwarf Polyantha or Fairy. Half-hardy perennial. Beautiful miniature roses, easily raised from seed, will produce plants that will bloom freely the first summer. They are of dwarf, compact growth, free and ever-blooming. Entirely hardy and most desirable for summer bedding or for pot culture in winter. Pkt. 15c.

RÜDBECKIA. Cone Flower. Annual. Robust, thrifty growing plants that are very popular for use in the borders of large beds. They are of the easiest culture and produce very showy flowers all through the summer and autumn months. They grow about 18 inches high and produce brilliant yellow flowers with a dark purplish black center. Pkt. 10c.

SALPIGLOSSIS GRANDIFLORA. (See cut opposite page.) Annual. It is a great wonder to us that these are not found in every garden, as we know that if you had once grown these lovely flowers you would not be without them. The graceful blossoms are borne on long stems, and range in color from the most delicate shades of light blue and straw color to the deepest purple and richest brown and maroon. The quaint, funnel-shaped flowers somewhat resemble those of the petunia, and are borne in profusion. Pkt. 10c, 3 pkts. 25c.

SALVIA. Flowering Sage. A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed.

Blue Beard. Annual. Pkt. 5c.

Scarlet. Annual. Pkt. 5c.

Splendens. Scarlet Sage. Tender perennial. Beautiful bright scarlet. Pkt. 5c.

SCABIOSA. Mourning Bride. Annual. Desirable summer flowering plants producing a profusion of richly colored double flowers of almost every conceivable shade.

1. Dwarf Mixed. Pkt. 5c.

2. Tall Mixed. Pkt. 5c.

3. Snowball. (See cut.) The most beautiful of all this class of flowers. Many of the pure white blossoms measure 6 or 7 inches in circumference and are perfectly double to the very center. Blooms quickly from seed. Pkt. 10c.

SCHIZANTHUS. (See cut opposite page.) *Butterfly Flower.* Annual. Few plants are more attractive than these when well grown, whether in pots or border; of a branching habit, well covered with peculiar shaped flowers. Pkt. 5c.

SENECIO ELEGANS, MIXED. Annual. Handsome, rapid growing, free flowering annuals, with large heads of bloom. The plants of compact, upright growth. The blossoms are of rich shades of purplish crimson, carmine, rose pink, and some are a pure white, very double and beautifully imbricated. Our seed saved from finest and largest flowering strains. Pkt. 5c.

SILENE, OR CATCH-FLY. Annual. Bright flowering little plants growing about 1 foot high, and producing blossoms of pure white or rose and pink. Pkt. 5c.

SMILAX. Tender perennial. In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the house or conservatory. Soak the seed in warm water 12 hours and plant in pots, in hotbeds or house, in February or March, and keep in moist place. Plant in a 2 inch pot. Pkt. 10c.

SOLANUM CAPSICASTRUM. Jerusalem Cherry. Tender perennial. This is one of the handsomest fruit bearing plants that has ever been introduced. It is valuable for either outdoor culture or for growing in pots to be used in the house. The foliage is handsome, contrasting finely with the bright, round, scarlet fruit with which the plant is almost entirely covered. It grows about 15 or 18 inches high and is easily raised from seed. Pkt. 10c.

CHOICE GERMAN STOCKS. Annual. Splendid for either pot culture or beds. The seed we offer is of the choicest German strain and imported by us direct from a leading grower. The plants are of compact habit and produce lovely double flowers of a waxy texture. Yellow dwarf, pkt. 10c; White dwarf, pkt. 10c; Crimson dwarf, pkt. 10c; Blue dwarf, pkt. 10c; Rose dwarf, pkt. 10c; Mixed dwarf, pkt. 10c.

White Vienna. (See cut.) A charming dwarf white variety which blossoms very early and is of the most compact habit. This we believe is far superior to the well-known "Snowflake," as the flowers are much more freely produced and the heads are of the most perfect formation. Pkt. 15c.

SUNFLOWERS. Annual. These upright, stately growing plants are particularly valuable for using as a screen to hide unsightly places in a back yard or to

RICINUS. Castor Oil Bean. Half-hardy annual. A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant colored fruit, rendering them most attractive. Grown as single specimens on lawns and pleasure grounds, they form a striking feature.

1. **Cambodgiensis.** The finest dark foliage variety. Pkt. 5c.

2. **Zanzabariensis.** Very dark leaves. Plants attain an enormous size, many of the leaves measuring 3 to 4 ft. across. Pkt. 5c.

3. **Mixed.** An assortment of choice varieties that will make a fine display. Pkt. 5c.

RHODANTHE. Everlasting Flowers. Half-hardy annual. A well-known Everlasting; valuable for the decoration of the conservatory and flower gardens. Pkt. 5c.

RHODOCHITON. (See cut opposite page.)

Purple Bells. A charming climber. The heart-shaped leaves are very pretty, the upper surface bright green, with large, dark veins, and the under side as well as the stems purplish



Petunia, Mammoth Double Mixed.

be used as a background for small growing flowers. Few people realize how beautiful some of the different varieties of this class are for the above purpose.

1. **Silver Leaved.** A very beautiful variety with flowers of yellow and black and handsome silvery foliage. Pkt. 5c.

2. **Globosus.** This is sometimes called the Dahlia Sunflower on account of the large double blossoms, which are of a rich saffron shade. Grows 5 or 6 feet high. Pkt. 5c.

3. **Giant Russian.** This sort is grown principally for its seed. The flowers are of an enormous size, often measuring from 15 to 20 inches across. Pkt. 5c.

4. **Peruvianus.** Richly colored double orange blossoms striped with black. A most showy variety. Pkt. 10c.

5. **Stella.** This is a comparatively new variety with well-branched, bushy habit, growing about 3 feet high. The flowers will measure 3 or 4 inches across and are of a rich golden yellow, having black discs, and are borne on stiff stems which rise above the foliage. Pkt. 5c.

SWAINSONIA. Tender perennial. Popular ever-blooming house plants. Blossoms resembling sweet peas are produced in sprays containing 15 to 20 flowers each.

1. **Pink.** Pkt. 5c.

2. **White.** Pkt. 5c.

3. **Mixed. Pink and white.** Pkt. 5c.

SWEET WILLIAM. Annual. *Dianthus Barbatus.* This has been a favorite for many years on account of its hardy, vigorous growth, its rich profusion of bloom and its easy culture. It grows to about one foot in height and is unsurpassed for clumps or borders. Our seed is obtained direct from the best flower seed grower in the world and is the best ever offered in America.

1. **Single Varieties.** Crimson, pkt. 5c; Scarlet, pkt. 5c; White, pkt. 5c; White Margined, pkt. 5c; Mixed, all colors, pkt. 5c.

2. **Double Varieties.**

Crimson, pkt. 5c; White,

pkt. 5c; Mixed, pkt. 5c.

THUNBERGIA, MIXED.

Annual. A handsome trailing or climbing plant bearing hundreds of flowers of various shades of yellow and white each having a dark center or eye. They grow rapidly to a height of five or six feet and are valuable for use in climbing on trellises or for the window box during the summer months. Pkt. 5c.

CALCEOLARIA. Shipper-

wort. Tender perennial. An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Our strains have been grown especially for us.

1. **Hybrida Grandiflora Mixed.**

Large-flowering, beautiful,

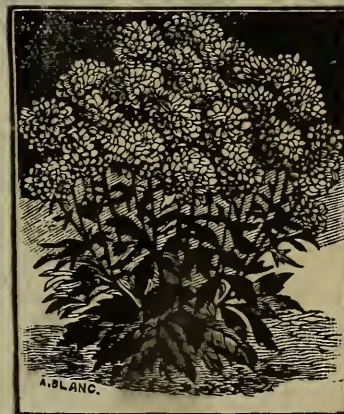
rich, self-colored flowers.

Pkt. 25c.

2. **Choice Mixed.** Pkt. 20c.

3. **Striped and Blotched.**

Pkt. 20c.



Scabiosa Snowball.



IMPERIAL MIXTURE.

This mixture includes many of the giant flowering varieties from California, as well as a number of novelties. It is made up entirely of choice named sorts, representing nearly every shade of color, and is the finest mixture ever put out by any seedsman. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

NOTE.

For 50 cents we will send one ounce each of seven different varieties of your own selection.

THE PARIS PRIZE COLLECTION.

The World's Best Sweet Peas.

At the World's Exposition in Paris the past year the following varieties of sweet peas were awarded first prize in competition with thousands of varieties from both the old and new world. These varieties, all produced in America, are the choicest grown, and our customers will make no mistake in ordering them. Pkt. 5c, any 7 for 25c; oz. 10c, any 7 oz. for 50c; $\frac{1}{4}$ lb. any variety for 30c; 1 lb. any variety for 80c.

Aurora. Orange salmon, white stripe.
Blanche Burpee. Large white.
Duke of Westminster. Rosy claret.

Fashion. Light reddish mauve or claret.
Gray Friar. Marbled purple on white.
Lady Mary Curry. Bright orange pink.
Lovely. Delicate rose, softening to shell modesty. Pale blush. [pink]
Navy Blue. Purplish mauve, shaded blue.
Oriental. Deep orange pink.
Prima Donna. Light blush pink.
Royal Rose. Shaded deep rose and pink.
Sensation. Light buff, blush and white.
Venus. Salmon and buff, shaded pink.
Duke of Sutherland. Claret and maroon.
Hon. F. Bouverie. Pinkish salmon, shading to lighter salmon and buff.
Senator. Purple maroon and white striped.
Royal Robe. Deep pink.
Lady Skelmersdale. Bright rosy lilac.
Mars. Bright crimson scarlet.
Black Knight. Deep maroon.
Duke of Clarence. Bright rosy claret.
Emily Lynch. Pink and white.

Countess of Shrewsbury. Pinkish lavender and white.
Countess of Radnor. Lavender.
Countess of Aberdeen. Soft pink.
Crown Jewel. Violet, rose and primrose.
Dolly Varden. Shaded purplish magenta and light blue.
Dorothy Tennant. Deep rosy mauve.
Duchess of Sutherland. Pale blush.
Duke of York. Rosy pink and white.
Emily Eckford. Rose purple, suffused blue.
Emily Henderson. White.
Extra Early Blanche Ferry. Very early.
Firefly. Bright crimson scarlet.

Gorgeous. Rich orange salmon.
Her Majesty. Bright Rose.
Lottie Hutchins. Primrose, striped pink.
Mrs. Dugdale. Carmine rose, shading to primrose. Pkt. 10c.
Pink Friar. Soft carmine rose.
Ramona. Blush and white striped.
Salopian. Deep crimson scarlet.
Stella Morse. Rich cream.
Lady Griseld Hamilton. Pale lavender.
Countess Cadogan. Bright blue. Pkt. 10c.
Mrs. Eckford. Primrose yellow.
Triumph. Shaded pink and white.
America. Bright cardinal and white striped.
Mrs. Jos. Chamberlain. Rose pink and white striped.
Stanley. Deep maroon.
Wawona. Heliotrope, and white striped.

Grace May. Pure white.
Gaiety. Purplish pink and white striped.
Golden Gleam. Pale primrose yellow.
Ignea. Crimson scarlet.
Indigo King. Maroon and indigo blue.
Isa Eckford. Small, buff pink and white.
Juanita. Lavender and white striped.
Lady Penzance. Bright orange pink.
Lemon Queen. Pale lemon blush and white.
Lovely. Blush pink and rose.
Lottie Eckford. White, shaded blue, mauve.
Meteor. Orange salmon and pink.
Mrs. Sankey. Almost pure white.
Oddity. Carmine pink, lined and edged rose.

Imperial Mixed Sweet PEAS.



CULTURAL HINTS.

We are often asked, "What treatment or culture shall I give my sweet peas that I may grow them successfully?" It is almost impossible to

give instructions that will cover every locality, as much depends upon soil, situation, etc. However, by following the general hints which we give herewith, modified by your own judgment to suit the local conditions, you should be able to grow good sweet peas.

Plant early in rows north and south—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well rotted manure; fill 8 inches of trench with fine soil and sow the peas, covering 1 inch deep (if about April 1st), in two rows 10 inches apart and seeds 2 inches apart in the rows; if planted later, cover deeper. When well up, fill in with earth gradually as they grow, until the trenches are full. The object is to get the roots well down, so that they may resist drought. Give plenty of water, pick the blooms without stint, and do not let run to seed. Use brush or trellis 5 or 6 feet high.

General List. This includes all of the varieties we offer, excepting those in the Paris Prize Collection. Prices, unless otherwise noted: Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.
Alice Eckford. Pale salmon and white. An early and profuse bloomer.
Alba Magnifica. Pure white. Standard notched at sides.
Apple Blossom. Shaded pink and rose. An old and popular variety.
Blushing Beauty. Delicate pink; of good size and a prolific bloomer.
Boreatton. Deep maroon. A good grower and free bloomer.
Bride of Niagara. Pink and white, double. Large blossoms; prolific.
Captain of the Blues. Purplish mauve, blue. Large flowers.
Captivation. Wine color. A good late variety.
Chancellor. Orange pink. Fine large flowers.
Coronet. Salmon and white striped. Dwarf grower.
Countess of Powis. Orange pink, veined in deeper pink.
Colonist. Purplish rose. Flowers very large.
Coquette. Violet and primrose.

Peach Blossom. Salmon buff and pink.
Prima Donna. Light blush pink.
Primrose. Pale primrose yellow.
Prince Edward of York. Bright scarlet and primrose.
Prince of Wales. Bright rose pink.
Purple Prince. Purple maroon.
Queen Victoria. Pale primrose.
Red Riding Hood. Rose wings, undeveloped standard.
Scarlet Striped. Striped.
Triumph. Shaded pink and white.
Violet Queen. Shaded pink and violet, small.
Waverly. Rose claret.
Mixed. Best large flowering.
Good Mixture.
American Seedlings Mixed.

DWARF OR CUPID VARIETIES. The introduction of a dwarf growing sort a few years since was an event of much importance to all lovers of these most beautiful flowers. Being very dwarf in growth they require no staking, succeed well in the open ground or as pot plants, are very prolific bloomers and are valuable alike to the amateur or professional. **Pkt. 10c each or 1 pkt. of each of the 5 varieties for 35c, oz. 15c, ¼ lb. 40c.**

Beauty. Flowers of large size; the standards a delicate rose color whitening toward the edges, slightly streaked carmine at the base. The wings are suffused ruby carmine.

White. Flowers pure white of unequalled substance and full size. The plant grows to the height of 6 to 10 inches, often spreading from 10 to 15 inches. They are admirably adapted for borders.

Pink. As dwarf as the above, spreading from 12 to 18 inches around and shooting up stems about 6 inches high, bearing from 3 to 4 large flower.

Alice Eckford. Flowers of medium size. The standards are rich, creamy white, suffused with flesh pink; the wings silvery white with a faint pink flush in the center.

Primrose. Identical with the White Cupid, except the flowers are of a rich creamy tint.

A SELECT LIST BY COLORS. For the benefit of our customers who wish to order by color, we present a list herewith of choice varieties, all of which will be found in our other lists, and are choice and desirable sorts.

White. Grace May, Emily Henderson, Mrs. Sankey.

Pink. Katherine Tracy, Prima Donna, Ramona, Lovely.

Rose. Her Majesty, Ovid, Lady Penzance, Mrs. J. Chamberlain.

Crimson Scarlet. Firefly, Mars, Salopian, America.

Mauve Bluish. Lady Nina Balfour, Countess of Radnor.

Mauve Reddish. Emily Eckford, Magenta, Captivation.

Blending, "Delicate." Crown Jewel, Coquette, Venus.

Flaked and Clouded. Royal Rose, Apple Blossom, Eliza Eckford.

Chocolate and Purplish Mauve. Senator.

Suffused and Narrowly Edged with Lavender. Lottie Eckford, Maid of Honor, Golden Gate.

Yellow. Mrs. Eckford.

Bluish. Captain of the Blues.

Claret. Duke of Clarence.

Any of the above varieties. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c, postpaid.**

GOLD MEDAL MIXED. A grand collection of varieties including many of the most expensive novelties as well as the new double varieties of late introduction. This is an assortment that cannot fail to give satisfaction. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

MAY'S IMPERIAL COLLECTION.

The varieties described below are seven of the large free flowering class, unequaled by any of the high priced sorts sold by other firms at 15c and 25c per packet. It contains the cream of the new and standard sorts. There is no better general mixture in existence.

APPLE BLOSSOM. One of the loveliest colors imaginable. The standards are an almost clear pink shading rose and the wings a delicate pale pink. This also belongs to the large flowering type of Sweet Peas and we consider it far superior to many of the high priced pink varieties that were introduced last year. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.**

AMERICA. A large bold flower with an almost pure white ground, striped with bright blood red. Greatly admired wherever grown and a decided favorite on account of its bright appearance. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

BLUE BELL. A handsome, shell-formed blossom with standards of a purplish blue color and wings a very deep violet. Undoubtedly the best one of this color ever introduced. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**



White Cupid.

CALIFORNIA GIANT MIXED. The enormous size of the flowers and freedom with which they are produced as well as the endless display of colors recommend this mixture to all. **Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.00.**

MRS. ECKFORD. The largest flowering primrose yellow sweet peas we have ever seen. The plant is a strong grower and the flowers are produced in great abundance all through the summer. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.**

COUNTRESS OF RADNOR. Clear lavender. A beautiful variety. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.**

GRACE MAY. The enormous sales of this giant flowering white variety prove that it is by far the finest white that can be grown. The vines are vigorous in growth and the flowers are produced in the greatest profusion. **Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.**

FIREFLY. A deep glowing scarlet which never fades and retains its brilliancy a long time. The flowers are large, borne on long stems, 3 to 4 to the stem. A profuse bloomer. One of the very best scarlets ever introduced. **Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.**

THE SEVEN PACKETS FOR 25 CENTS.

CONDENSED PRICE LIST OF FLOWER SEED IN BULK.

This list is intended for florists and others who buy largely. Not less than ½ ounce of any variety will be sold at these prices.

	Per oz.		Per oz.		Per oz.
Adonis.....	\$0.10	Heliotrope. Mixed.....	2.00	Nasturtium Tall Varieties:—Continued.	
Ageratum. Blue.....	.15	Hesperis or Sweet Rocket.....	.10	The Pearl.....	.20
Agrostemma. Rose color.....	.15	Hollyhock. Double mixed.....	1.00	Nemophila. Mixed.....	.10
Alyssum. Sweet.....	.25	" Separate colors.....	1.00	Nigella. Mixed.....	.10
Amaranthus. Mixed.....	.10	Ipomea. Mixed.....	.15	Nicotiana. Affinis.....	.40
Ampelopsis Veitchii.....	.20	" or Moonflower.....	.40	Pansy, Bronze Queen.....	1.50
Antirrhinum. Tall, mixed.....	.35	Lantana. Mixed.....	.25	" English show.....	1.50
" Large flowering, mixed.....	.75	Lupinus. ".....	.10	" King of Yellows.....	2.00
Asparagus, Plu Nanus..... Per 100 seeds	2.00	Lobelia. ".....	.40	" Mahogany.....	1.50
" Sprengerii..... Per 100 seeds	1.50	Marvel of Peru, Four O'clock's.....	2.00	" Snow Queen.....	2.00
Asters, Comet.....	1.50	Marigold. Double mixed.....	.25	" Trimardeau.....	2.50
" German Globe.....	.40	" dwarf French.....	.30	" Good mixed.....	1.00
" Quilled.....	.40	" Eldorado.....	.40	" Royal.....	2.00
" Paeony Flowered Perfection.....	1.25	Mignonette, Allen's Mammoth.....	.50	" Star.....	2.00
" Samples Branching.....	1.50	" Crimson Bells.....	.10	" Normandy mixed.....	2.00
" Victoria.....	2.50	" Giant White.....	.10	" Special Mixture.....	4.00
" Mixed, all colors, all kinds.....	.75	" Sweet.....	.10	Petunia. Single pink.....	.50
Balloon Vine.....	.20	Morning Glory, Japanese Imperial.....	.15	" " white.....	.30
Balsams.....	.50	" " Dwarf.....	.10	" " mixed.....	.50
" Camellia Flowered.....	.50	" " Double White Tassel.....	.40	Phlox, Double Yellow.....	1.50
Canary Bird Flower.....	.20	" " Tall.....	.10	" Dwarf mixed.....	1.00
Campanula. Single mixed.....	.10	Myosotis. Mixed.....	.50	" Tall.....	.75
Cannas. Mixed.....	.15	Nasturtium Dwarf Varieties:—		" Star of Quedlinburg.....	.75
Calendula. Mixed.....	.10	Beauty.....	.25	Poppy, Mikado.....	.20
Calliopsis.....	.15	Bronze.....	.25	" Nephisto.....	.10
Carnation, Marguerite.....	1.50	" Prince.....	.30	" Peacock.....	.20
Candytuft. White.....	.10	Empress of India.....	.25	" Paeony Flowered Mixture.....	.10
" Mixed.....	.15	Gem.....	.20	" Shirley.....	.10
Celosia. Mixed.....	.25	King Theodore.....	.20	" Snowdrift.....	.20
Centaurea, Candidissima.....	1.50	Mixed.....	.15	Portulaca. Mixed.....	.35
" Cornflower. Mixed.....	.10	Prince Henry.....	.30	Salpiglossis Grandiflora.....	.75
" Gymnocarpa.....	.50	Rose.....	.20	Salvia, Scarlet.....	.30
Cineraria, Paritima.....	.20	Ruby King.....	.20	" Blue Beard.....	.10
Cosmos. Mixed.....	.25	Star Mixed.....	.25	Scabiosa. Tall, mixed.....	.15
Clematis. Fine mixed.....	1.00	Violet.....	.25	Schizanthus.....	.10
Cobea Scandens.....	1.00	Yellow.....	.20	Silene. Mixed.....	.10
Chrysanthemum. Double annual, mixed.....	.10	Nasturtium Tall Varieties:—		Smilax.....	.50
" Lord Beaconsfield.....	.15	Blotch Beauty.....	.35	Stocks in separate colors.....	1.25
Cypress Vine.....	.20	Chocolate Queen.....	.25	Stocks mixed.....	1.00
Delphinium, Larkspur.....	1.00	Crimson Prize.....	.20	Sunflower, Stella.....	.40
Dianthus, Double China.....	.35	Ed Otto.....	.25	Sweet William. Mixed.....	.10
" Heddewigii. Mixed.....	.75	Hemiphaericum.....	.20	Thunbergia.....	.75
" Double Imperial. Mixed.....	.35	Imperial Mixed.....	.20	Verbena.....	.75
" Mixed.....	.25	King of the Blacks.....	.35	Blue Boy.....	1.25
Escholtzia.....	.15	" Theodore.....	.20	" Northern Light.....	1.25
Gaillardia. Mixed.....	.10	Mixed.....	.10	" Royal Red.....	1.25
Glaucaum Luteum.....	.15	Orange.....	.15	" Tiger.....	1.25
Globe Amaranth.....	.10	Regelium.....	.20	Wall Flower. Single, mixed.....	.10
Godetia. Mixed.....	.15	Rose.....	.15	Wild Cucumber.....	.40
Gourds.....	.20	Scarlet.....	.20	Zinnia. Double.....	.25
Gypsophila.....	.10	Sunbeam.....	.15	" Single.....	.15



VERBENAS.

Annual. This class of plants is becoming more popular each season, and with the improved large flowering, and dwarf-growing sorts and many choice varieties of recent introduction, is among the most showy that can be grown for bedding on the lawn, edgings, vases, boxes, etc. Early flowering plants may be had by sowing the seed in boxes in the house and transplanting the plants to the open ground as soon as the soil is warm enough. Seed sown in the open garden in May will produce flowering plants by August. The mammoth flowering varieties excel in richness of color and size of blooms anything ever before offered in the line of Verbenas.

Black Beauty. Blooms of immense size, of darkest purple, with a distinct light blue eye. Very beautiful. Pkt. 10c.

Blue Boy. The most beautiful blue strain imaginable, which will make a grand show, grown either separate or with the other named varieties. The plants are of rather upright growth and



Sweet Violet.



Zinnia.

the flowers are borne abundantly through the summer months. Pkt. 10c.

Lavender Beauty. Charming large flowers of the most delicate shade of lavender or sky blue, with an almost pure white center. The plants are vigorous growers and bloom constantly. Pkt. 10c.

Mrs. Cleveland. To make a fine display in a bed this is one of the best varieties we have ever seen. The plants form good, thrifty bushes, and produce great bunches of deep purplish, blue black, white-eyed blossoms from early summer until late in the fall. Pkt. 10c.

Northern Light. The largest white Verbena we know of and one of the handsomest varieties ever introduced; flowers are a pure white, borne in great clusters resembling Snowball blossoms. Pkt. 10c.

Primrose. A peculiar light yellow-colored variety that is specially desirable for growing in a collection with the older sorts, as it never fails to attract attention wherever seen. The blossoms are of good size, and freely produced throughout the entire season. Pkt. 10c.

Royal Red. A beautiful red variety, which belongs to the large flowering class. Its mammoth bright blossoms are a constant source of delight to the flower lovers during the summer season. The trusses of bloom and individual flowers are simply enormous and of the most perfect form and color. Pkt. 10c.

Scarlet Queen. An intense, bright scarlet shade, richer in coloring than Royal Red and the plants are equally as strong in growth, and bloom as profusely as that popular variety. Pkt. 10c.

Tiger. This grand Verbena might also be called the "Harlequin" on account of its peculiarly striped flowers, which never fail to attract attention. Pkt. 10c.

Odorata. (See cut.) A fragrant German variety. Try this for your flower bed; it is one of the most delightfully-scented flowers ever produced, and a branch of cut blooms will perfume an entire room. The plant is a strong grower, and will bear an abundance of blossoms during the entire summer season. It is as easily grown from seed as the Nasturtiums, so that no one need be afraid to give it a trial. The seed we offer you was obtained by us direct from one of the leading flower seed firms of Europe, and we believe this verbenas is one of the choicest flowers that can be grown for bouquets, etc. Pkt. 15c, 2 pkts. 25c.

Mammoth Mixed. This is a superb mixture, including some of the choicest and largest flowering varieties found in this magnificent class. Many of the single blooms measure 3 to 4 inches in diameter and are produced in the greatest profusion. We have made up this mixture ourselves, taking great care to select only the largest and most perfect flowering varieties, knowing that it is a collection which cannot fail to please everyone. Pkt. 10c, 3 pkts. 25c, 1/2 oz. \$1.00, oz. \$1.75.

Choice Mixed. Choice mixture of all shades. Pkt. 5c.

WILD FLOWER GARDEN FOR THE CHILDREN. There is need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture, and of rapid growth, can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form, and the influence on the

mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the beautiful, and the artistic taste aroused, but there also comes a love of order and an incentive to work with a noble object when the child is given a personal interest in the cultivation of the garden. With a small expense of loving and thoughtful labor, the Children's garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers most



suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds. Our packages contain half an ounce of seed. Pkt. 10c, oz. 15c, 1/2 lb. 40c.

WALLFLOWERS. Annual. Our assortment of varieties, we believe, is unsurpassed, and our seeds will produce the best results. **Single Red**, pkt. 10c; **Single Golden**, pkt. 10c; **Single Purple**, pkt. 10c; **Single Brown**, pkt. 10c; **Single Mixed**, pkt. 5c; **Double Yellow**, pkt. 15c; **Double Purple**, pkt. 15c; **Double Brown**, pkt. 15c; **Double Striped**, pkt. 15c; **Double Mixed**, pkt. 10c.

WILD CUCUMBER. Annual. For covering porches, trellises or anything where a climber can be used this is certainly the best plant we know of, if you want shade early in the season. It grows to a height of 20 or 30 feet in a remarkably short space of time, and is covered with a profusion of sweet-scented white flowers followed by prickly seed pods. The leaves are a bright green and so abundantly produced that it furnishes plenty of shade. Pkt. 5c, oz. 25c.

ZINNIA. (See cut.) Annual. Few people realize the wonderful improvement made in this old-fashioned class of plants within the past few years. Instead of the small, insignificant, single or partly double blossoms, they now have immense perfectly double blossoms, often 2 or 4 inches in diameter and borne in the greatest profusion all through the summer months, making a brilliant display during all kinds of weather. They grow very quickly from seed, and the dwarf varieties are especially desirable for use as border plants for large flower beds. The tall varieties are valuable for bedding and extensively grown for cut flowers. We wish to call particular attention to our Giant Mixed, as we know it is unsurpassed by any collection offered by any other firm in America.

Firebrand. A grand addition to the list of Zinnias. The blossoms are of an immense size, and as double as the Dahlia, while the color is by far the brightest scarlet we have ever seen in the flower family. It makes a splendid plant for beds or borders. Pkt. 15c, 2 pkts. 25c.

Zebra or Striped. A superb class of Zinnias, giant in size and perfectly double, handsomely striped and marked with various colors. The plants are strong growers and bloom for a long period. Pkt. 10c, 3 pkts. 25c.

Giant Mixed. Mammoth, perfectly double flowers of every shade found in this class of plants, many blossoms measuring 5 inches in diameter. Plants grow about 30 inches high. Our mixture includes all of the various shades of red, rose, yellow, crimson, as well as pure white. Seed sown in the early spring, after all danger of frost is over, will produce grand blooming plants that will flower from midsummer until killed by the severe frost. Pkt. 10c.

DWARF VARIETIES.

Double White. Pkt. 10c.
Double Orange. Pkt. 10c.
Double Canary. Pkt. 10c.
Double Firebrand. Pkt. 15c.
Double Mixed. Pkt. 5c.

TALL VARIETIES.

Giant Mixed. Pkt. 10c.
Tall Double White. Pkt. 5c.
Tall Double Rose. Pkt. 5c.
Tall Double Yellow. Pkt. 5c.
Tall Double Crimson. Pkt. 5c.

XERANTHEMUM. Annual. Compact, easy growing annuals that flower very freely. The leaves are covered with a silvery down and the blossoms are pure white, purple and yellow, single and double. If for everlasting, they should be gathered before they are fully opened and dried in the shade—that is, when desired for future use. Our mixture includes all of the different kinds. Pkt. 5c.

VINCA. Periwinkle. Annual. Handsome, bushy plants, producing very freely round, single flowers 1 to 1 1/2 inches in diameter, suitable for either pot culture or sunny flower beds. Mixed colors. Pkt. 5c.

VIOLET ODORATA. Sweet Violet. (See cut.) Perennial. This popular sweet-scented flower is easily grown from seed. The flowers are a beautiful blue and highly perfumed. They succeed best in a well-drained, rich soil, that is shaded so as to be moist a great portion of the day. Pkt. 10c.

WAITZIA. Annual. An interesting class of everlasting flowers, which bear their blossoms in clusters. The flowers are of different shades of gold or orange yellow, and very desirable for growing with other classes of everlastings. Pkt. 5c.

WHITLAVIA. Annual. A charming free-flowering annual, growing to a height of about 12 inches, and producing drooping clusters of rich dark blue and white bell-shaped blossoms. The foliage is very delicate and adds greatly to the appearance of the plant. It succeeds best in a partially shaded situation, and is very desirable for baskets, boxes or vases where it will not receive too much sunlight. Our mixture is the best that can be obtained. Pkt. 5c.

MAY'S NORTHERN GROWN PLANTS

GROWN WITH OUR FAMOUS "COLD SYSTEM" WHICH INSURES STRONG, HEALTHY STOCK.

IMPORTANT. Plants sent by mail have but little soil left on the roots and should receive careful attention on their arrival. If they appear wilted, place them in lukewarm water for 15 or 20 minutes. This will greatly revive them. They are packed by experienced men and are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival, we will replace free of charge any that fail to grow or do not show signs of life on arrival. After arrival at destination in good condition our responsibility ceases. All plants will be sent by mail, postpaid, unless otherwise noted in our catalogue or customer instructs otherwise. If sent by express the customer will pay express charges. Please note that we guarantee the safe arrival of all plants sent by mail to any point in the United States, provided the above conditions are complied with by the customer.

As we have the most extensive range of greenhouses in the Northwest, we are in a position to supply our patrons' wants in the plant line as well or better than any other firm in the business. Unlike many seedsmen who catalogue plants and bulbs, we do not have to depend on the open market for them, have them shipped from a distance and then repacked by inexperienced help.

We have given the packing of plants our careful attention and study for years and are constantly improving on our methods, until we have no hesitancy in saying that our methods of packing and shipping plants are the best in the world.

In compiling this list we have selected the old favorite varieties which every plant lover knows and prizes and as many of the new varieties of special merit as we can conscientiously recommend to our customers. We prefer to sell our goods on their merits and retain the good will and patronage of our customers, rather than excite their curiosity and induce them to spend their money for flashy novelties of questionable merit.

In many cases and during certain seasons we have larger plants than we offer herewith. Prices on these larger plants will be cheerfully quoted on application.

Our plants and roses are grown by the famous "cold system" which insures extra strong, thrifty stock, far superior to that sent out by some firms, who force their plants in overheated houses until they are utterly worthless.

Many customers order plants at the same time they order seeds. All such plant orders will be filled as soon as possible after we receive them, weather permitting, unless the customer orders otherwise. All plant orders are filled at our greenhouses and will be mailed separately from the seeds.

Discount on Plant Orders.

Below we give a discount on plant orders, amounting to \$1.00 and over:

For \$1.00 cash, select plants to the value of \$1.15	
" 2.00 " " " " " "	2.30
" 3.00 " " " " " "	3.50
" 4.00 " " " " " "	4.75
" 5.00 " " " " " "	6.00

Orders over \$6.00, for each dollar's worth 25c additional.

These discounts do not apply to the low rate and special collections, as the prices for them are already as low as good stock can be sold for.

PLANTS BY EXPRESS.—While plants can be safely sent by mail and our guarantee accompanies all such shipments, we would advise all customers ordering plants to have them sent by express. The cost is a trifle more but our patrons are amply repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

CUT FLOWERS. We are headquarters for cut flowers, funeral and wedding designs of every description. Our special cut flower catalogue will be mailed on application.

Abutilon (Flowering Maple.) Very showy, decorative, free growing soft wooded shrubs, having a leaf similar to the maple, mould and some gritty sand. They require an abundance of water.

Savitsii. (See cut.) This is one of the most beautiful variegated foliage plants, both for the house and outdoors. It somewhat resembles SOUVENIR DE BONN, but is superior to this, the variegation being pure white, the white predominating, and in some cases a great many leaves are almost entirely white. It is of dwarf, compact growth, it thrives well outdoors, retaining its variegation in the hottest sun. It is most admirably adapted as a border for cannas, geraniums, and other taller growing kinds. We have tried it the past summer and found it most satisfactory. 15c each.

Souvenir De Bonn. A variety with large leaves of deep green, margined with white, similar to the silver leaved geranium. The flowers are bright orange, veined with crimson. 15c each.

Golden Bell. An old and favorite variety. Color, clear golden yellow. 10c each.

Snowball. A beautiful pure white variety. Flowers large and very fine. 10c each.

Leopard or Eclipse. Foliage striped and mottled with yellow and green. Flowers orange with crimson throat. 10c each.

The entire set of the above five Abutilons for 50c, postpaid.

Ageratum. Dwarf growing plants very suitable for borders, beds and boxes and equally good for house culture. They require a rich, light soil. Colors, navy blue and white. 10c each, 75c per doz., \$5.00 per 100, by express.

Alyssum, Sweet. Dwarf growing plants suitable for borders, baskets rock work, etc., and equally good for pot culture. Price 10c each, 75c per doz., \$5.00 per 100, by express.

Alternanthera. Popular dwarf growing foliage plants, valuable for carpet bedding or lettering on the lawn. Price 10c each, 75c per doz., \$5.00, per 100, by express.

PARYNCHOIDES—Deep orange red, shaded with olive green.

AUREA—Bright golden yellow.

Achyranthus. Dwarf growing foliage plants, valuable on account of their beautiful colored leaves. They are most effective when massed on the lawn or used with coleus. Color, a deep blood red. Price 10c each, 75c per doz., \$5.00 per 100, by express.

Aloysia Citriodora. **LEMON VERBENA**—A beautiful plant with verbena-like foliage, which is delightfully fragrant. A very rapid grower, forming a large bush when planted out in summer. 15c each.

Agapanthus Umbellatus. (The Blue African Lily.) Splendid in pots or tubs for lawns, terraces or piazzas, or for the decoration of the greenhouse. Foliage luxuriant and graceful; flowers bright blue, borne in clusters of 20 to 30, and measure fully a foot across. The flower stalks frequently attain a height of 3 feet, the flowers opening in succession for a long period during the summer and autumn. 30c each, \$3.00 per doz.

Albizzia Julibrissin (Rose Acacia). A late introduction from Persia, somewhat resembling Bottle Brush. Produces clusters of rose-colored tassel-like blossoms, borne on long stems well above the foliage. A beautiful plant whether in bloom or not. Price 25c each.

ASPARAGUS PLUMOSUS NANUS—See specialties, page 12.

ASPARAGUS SPRENGERI—See specialties, page 12.

AGERATUM (Stella Gurney)—See specialties, page 14.



Abutilon Savitsii.

On pages 2 and 12 to 16 of our Specialties will be found a most complete list of choice, rare and valuable plants, including novelties of recent introduction. Do not fail to read these pages carefully before ordering plants, as they contain the cream of our entire list. Do not fail to include the new roses and carnations illustrated on front cover and described on page 2.



Acalypha Sanderi.

Acalypha Triumphans.

This is one of the most beautiful foliage plants we have ever seen. It is a strong, healthy grower and makes a compact plant of splendid dimensions. The foliage is large (about 2 x 4 inches), very heavy and showy beyond description. The predominant color is red, marbled lighter and darker, streaked and dashed green, yellow, white and other colors, giving a most striking effect to be had in no other plant. It is equally valuable for bedding on the lawn, or as a specimen plant for house culture. We cannot recommend it too highly, as we believe it to be of exceptional merit. 20c each, \$2.00 per dozen.

The Water Hyacinth.

A curious plant of great beauty. Has smooth, round green leaves, to which are attached a puffed, bladder-like stalk, by which means the plant is enabled to float on the surface of the water until the roots secure themselves firmly in the soil below. The flowers come in beautiful long spikes, and each flower is the size of a silver dollar; color a lovely shade of lilac-rose tinted azure blue, with the centre rich, golden yellow. Plant in tubs or bowls and give plenty of sun. Strong plants, 15c each; 4 for 50c.

Brazilian Melon Fruit.

See specialties, page 13.

Browallia Gigantea.

See specialties, page 13.

Cape Fuchsia. (See cut.)

Blooms incessantly during the summer months, and will produce more flowers than the common Geranium. 20c each.



Cape Fuchsia.

Acalypha Sanderi (Chenille Plant.)

(See cut.) Another year's experience with this beautiful novelty only confirms the opinion, previously expressed by us, that it is one of the most valuable pot plants of recent introduction. It is a native of the South Sea Islands, and may well be called a fore-runner of the rare and beautiful tropical plants from our new possessions in the Philippines. It is of easy and rapid growth and blooms continuously. The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes which appear in pairs from the axils of the leaves, grow from two to three feet in length. They are of bright crimson color, drooping and mixing among the green foliage with charming effect. It is extensively used as a pot and window plant everywhere. For bright and curious effect it has no equal. Wherever the plant has been exhibited in this country and in Europe it has attracted universal attention and admiration. Our illustration is very true, though no picture can do justice to the elegance and beauty of this wonderful plant. It grows as easily as a coleus, only requiring a warm temperature to develop its full beauty. Strong plants 35c each, 3 for \$1.00.

Allamanda Williamsi. (See cut.) A very distinct pot plant of recent introduction, forming a compact bush of dark green foliage which is profusely covered with trusses of large golden yellow, deliciously scented flowers three to four inches in diameter. It blooms throughout the summer and oftentimes in winter. Of vigorous growth and easily cultivated. 25c each.

Brugmansia. (See cut.) One of the most beautiful plants of recent introduction. The flowers are drooping, bell-shaped, of immense size, many of them being a foot and over in length and eight to ten inches in diameter. The color is creamy white, and it is very fragrant. A robust grower and a very free bloomer, it being no uncommon sight to see from 20 to 30 of these immense blooms open at the same time. The bush attains a height of from three to five feet, can be grown outside in summer or indoors in winter. As it is quite tender, care must be taken to remove it indoors as soon as frost appears. 20c each.



The True Brugmansia.

BEDDING PLANTS.

Condensed list of plants for shipment in May for planting in beds on the lawn.

Prices named are for plants to be sent by express at customer's expense.

All plants in this list will be large size for immediate effect and must not be confounded with the smaller ones sent by mail.

Ageratum, blue, per doz., \$1.00, per 100, \$6.00.
 Alyssum, white, per doz., 75c, per 100, \$6.00.
 Alternantheras, red and yellow, per doz., 75c, per 100, \$5.00.
 Achyranthus, per doz., 75c, per 100, \$5.00.
 Begonia Vernon, per doz., \$1.00, per 100, \$7.50.
 Caladium, Esculentum, per doz., \$2.00, per 100, \$12.00.
 Coleus, per doz., 75c, per 100, \$5.00.
 Cineraria Maritima, Dusty Miller, per doz., 75c, per 100, \$5.
 Cannas, our selection, 12-15 in. high, per doz., \$2.00, per 100, \$15.00.
 Carnations, per doz., \$1.00, per 100, \$6.00.
 Geraniums, our selection from 4-in. pots, per doz., \$1.50, per 100, \$12.00.
 Heliotrope, per doz., \$1.00 per 100, \$6.00.
 Lantanas, per doz., \$1.00, per 100, \$6.00.
 Lobellias, per doz., 50c, per 100, \$3.00.
 Pansies, per doz., 50c, per 100, \$3.00.
 Roses, from 4-in. pots, per doz., \$2.50, per 100, \$20.00.
 Roses, from 2 in. pots, per doz., \$1.00, per 100, \$6.00.
 Petunias, Single, per doz., \$1.00 per 100, \$6.00.
 Petunias, Double, per doz., \$1.50 per 100, \$10.00.
 Verbenas, per doz., \$1.00, per 100, \$8.00.



Allamanda Williamsi.

Cockscomb or Celosia.

These are generally used for out door culture and are usually grown from seed. For those who wish plants for immediate effect we offer choice stock of Glasgow Prize, the largest, finest variety grown. Plants 15c each, \$1.00 per doz., post-paid; \$6.00 per 100 by express.

THREE CHOICE PLANTS FOR 75c.

1 Chenille Plant. 1 Allamanda.
 1 Chinese Paper Plant.

Bougainvillea Sanderiana. (See cut.)

(Chinese Paper Plant.) A remarkably free-blooming plant; one of the most brilliant and useful varieties ever introduced. As a pot plant it is magnificent, a strong, vigorous grower with splendid, Camelia-like foliage—deep, shining green. Plants commence to bloom in small pots and continue throughout the year; as the plant grows older it is literally covered with an amazing number of blossoms. It produces its flowers as freely as a Fuchsia. In color they are dazzling, rosy crimson, with deep, golden-yellow anthers. They last long in perfection. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. Of the easiest culture, it cannot fail to give absolute satisfaction. 35c each.



Bougainvillea Sanderiana.

MAY'S FAMOUS EVERBLOOMING BEGONIAS.



BEGONIAS.

FLOWERING VARIETIES.

Unless otherwise noted, 15c each, \$1.50 per dozen.

These are among the most satisfactory house plants grown. They require but little care, thrive in almost any soil and location, and bloom throughout the entire year.

No. 1. Glorie De Sceaux. Large, lustrous, dark green leaves, tinged with red. Flowers pink. A free bloomer. 20c each.

No. 2. M. De Lesseps. A strong growing, free flowering variety. Green leaves of a peculiar silky texture, richly spotted with silver. Flowers white and rosy pink.

No. 3. Pres. Carnot. A strong growing variety, of stiff, upright habit. Leaves very large, upper side deep green, under side purplish red. Flowers of a beautiful coral red color, in large pendant panicles.

No. 4. Wetoniensis Alba. Deep green marbled foliage, flowers pure white. A profuse and continuous bloomer.

No. 5. Rubra. An old and very popular variety. A rapid and vigorous grower, with deep green leaves and coral red flowers.

THE ABOVE FIVE CHOICE VARIETIES CONSTITUTING OUR GEM COLLECTION FOR SIXTY CENTS.

Apple Blossom. A free blooming dwarf variety. Flowers pinkish white.

Dewdrop. Of dwarf, compact habit, producing clusters of satiny white flowers, which in warm weather change to a delicate shell pink. Very fine for both summer and winter blooming.

Erfordia. One of the most prolific bloomers in the begonia family. It is continually covered with clusters of rosy, salmon flowers. An excellent variety for bedding, growing and blooming in our hot sun equal to the best geraniums.

Incarnata. Dark green leaves, spotted white. Flowers bright showy pink, borne on long stems well above the foliage.

Paul Bruant. Leaves of deep olive green, of heavy texture. Flowers delicate rose, changing to white, produced very freely on long, graceful stems. 20c.

Saundersoni. Leaves a deep glossy green, flowers deep scarlet.

Vernon. A new dwarf variety of recent introduction, especially valuable as a bedder. The foliage is a rich, glossy green, edged with red. The flowers, when first opened, are a deep red, which changes to a clear rose color when fully expanded. 10c each, \$6.00 per 100, by express.

BEGONIAS—REX VARIETIES.

These are valuable for pot culture in the house, the grand and varied markings of the leaves rendering them very beautiful and showy. 20c each, or set of three for 50c.

Louise Closson. Leaves very large and beautiful, center being of deep bronze, with a broad band of silvery rose, edged bronze and spotted rose.

Queen Victoria. Leaf very large, of crepe-like texture, solid silver, with reddish veins, embroidered margin and fluted, reddish edge.

Whitewater. A new and distinct variety, with large silvery leaves beautifully margined gold.

BROWALLIA JAMESONI (Orange Violet).

This is an old but neglected plant, forming compact, bushy heads, which, when the plants are in bloom, are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance. It blooms as soon as rooted and almost perpetually afterwards. 25c each.

Cyperus Alternifolius. (Umbrella Palm—See cut.) We have a nice stock of these graceful plants. 10c each; large plants by express, 25c to 75c each.

Caryopteris Mastacanthus. (See cut Spirea.) A beautiful Chinese plant of recent introduction. A vigorous, healthy grower, producing charming feathery flowers of a bluish lavender color in great profusion. The bloom remains fresh for several days after being cut. It thrives equally well in the open ground, being perfectly hardy, or as a pot plant for house culture. 15c each.

Cineraria Maritima. Also known as Dusty Miller. Of silvery foliage; excellent for borders and for bedding on the lawn. 10c each, 75c per dozen, \$5.00 per 100, by express.

COLEUS. Popular foliage plants, mostly used for bedding on the lawn; also desirable for house culture. 10c each, 75c per dozen; strong plants, \$5.00 per 100, by express.

Golden Bedder. Bright golden yellow.

Her Majesty. Dark red, edged yellow.

John Goode. Green and yellow.



Cyperus Alternifolius.



Caryopteris Mastacanthus.

Fair Oaks. Bright yellow, similar to Golden Bedder, but much stronger grower.

Autumn Glory. Deep crimson bronze.

Verschaffelti. Deep red, largely used with Golden Bedder, the two colors contrasting nicely.



Rex Begonia.

Cobea Scandens. Rapid growing, tender, climbers with immense bell shaped blossoms, which are produced freely the entire season. Valuable for trellises, etc. 15c each.

Coronilla Glauca. A thrifty, rapid growing, bushy little plant, bearing an abundance of fragrant pea-shaped yellow flowers. For summer or winter blooming. 15c each.

CARNATIONS.

The great improvement, made in this class of plants the past ten years has been more marked than in any other. The old "Pinks" with small, dwarfish blooms, borne on weak, drooping stems, have been supplanted by a class of carnations of sturdy, robust habit of growth, bearing flowers from 2 to 4 inches in diameter on strong, stiff, wiry stems, 18 to 36 inches long. We have discarded many of the old varieties which were once considered favorites, and offer only meritorious varieties of recent introduction. Unless otherwise noted 15c each; \$1.50 per doz.; \$8.00 per 100 by express. We can supply strong field-grown plants in September at 30c each, postpaid, or \$2.50 per dozen by express.

WHITE VARIETIES.

Flora Hill. Bloom of largest size and rather flat, pure white. A free bloomer.

White Cloud. See front cover and specialties page 2. Pure white, a free and continuous bloomer.

Evelina. Snow white, sweet scented blossoms. Stem long and erect.

PINK VARIETIES.

Triumph. A dark pink variety of recent introduction, producing flowers of the largest size on long, stiff stems. A vigorous grower and continuous bloomer.

Mrs. Lawson. See front cover and specialties page 2. 25c each.

Daybreak. Very large blooms of a delicate pink tint.

Marquis. See specialties page 15. 25c each.

Melba. An early, free and continuous bloomer, one of the finest pinks we have ever seen. Large blooms of perfect form, very fragrant, borne on long stiff stems.

Victor. A clear, bright pink. Plant vigorous and productive.

Ethel Crocker. See specialties page 15. 25c each.

RED VARIETIES.

Jubilee. One of the best red carnations we have ever grown. The plant is very vigorous, the blossoms very large, of a deep scarlet color, borne on stems 24 to 30 inches long.

America. Pure scarlet of soft shade. Flowers of large size, nice, filled but not crowded with petals. Strong stems 20 to 24 in. long; an early and continuous bloomer.

General Maceo. Ground color deep brilliant scarlet, overlaid with maroon, making one of the darkest and richest Carnations yet seen; fully as rich and striking as the Meteor Rose. Flowers large; under extra culture blooms have been produced 3 inches across on stems 20 inches long; a vigorous grower, and a most profuse bloomer.

Mrs. G. H. Crane. See front cover and specialties on page 2. 15c each.

Red Beauty. See specialties page 15. 25c each.

FANCY VARIETIES.

Mrs. G. M. Bradt. We consider this the best variegated variety ever introduced. The plant is a strong, vigorous grower and an early and continuous bloomer. The flowers are of the largest size, individual blooms measuring 3 to 4 inches in diameter. Color clear white, heavily splashed and streaked with red. 20c each.

Armazindy. Pure white, lightly penciled scarlet. Blooms of good size and form on stiff stems a foot in length. Plant very vigorous and a profuse bloomer.

CHRYSANTHEMUMS.

If planted in pots or tubs, set out of doors in a cool, shady situation during the summer, and brought into the house in the early fall, they should do well and thrive for any amateur. By pinching off the buds, as they begin to set, allowing only one to each branch, the flowers will be much larger and finer than if all buds are allowed to mature. Liquid manure applied in moderate quantities during the budding season is beneficial. The varieties we offer have been selected from among the hundreds introduced the past few years, and are considered the cream of the list to date. We recommend all of them to our patrons. Prices, unless otherwise noted, 10c each, \$1.00 per doz. Special quotations made on large lots to parties desirous of growing them for flower-shows.

Small plants cannot be supplied after August 1st. We can supply large plants of the leading sorts for fall blooming after September 1st at 50c to \$1.00 each by express.

TWENTIETH CENTURY COLLECTION.

Autumn Glory. The color is unlike that of any other variety grown. It is a deep rich reddish salmon shade, but gradually changes into a soft pink when fully expanded.

Ivory. An old standard variety, and still considered one of the best, color pure white.

Major Bonaffon. A grand mid-season variety, blooms large, compact and globular, color pure yellow.

W. H. Seward. Blooms very large, plant strong and vigorous, color deep red.

Mrs. Perrin. A good, strong, bushy grower, incurved, compact, globular bloom of good substance and lasting qualities, color pure pink.

Golden Wedding. For general cultivation this is undoubtedly the best yellow introduced to date. A strong, erect vigorous grower, producing blooms of the largest size of a clear golden color.

WHITE SORTS, GENERAL LIST.

Domination. Pure white, reflexed petals, a good, strong grower, the flower an excellent keeper, mid-season.

Mad. Bergman. One of the best early sorts, blossoms medium size, compact, incurved, white, early.

Mrs. H. Weeks. An immense globular blossom of pure white, petals very large and of thick leathery substance, late.

Mrs. H. Robinson. Pure white. Strong, stiff stems, beautiful incurved blooms of the largest size, mid-season.

PINK SORTS.

Maud Dean. Medium size blooms, broad incurved petals, late.

Rose Owen. Medium size, incurved blooms of purest pink, early.

S. T. Murdock. Light rose or pink, extra good, mid-season.

Vivian Morel. Beautiful, large, pink, incurved petals. Blooms of good substance lasting a long time.

Olympia. See specialties page 15. 25c each.



YELLOW SORTS.

Philadelphia. Blooms of immense size, of a lemon yellow color, petals large, of firm texture, incurved, forming a large ball of most exquisite form and coloring, mid-season.

Australian Gold. A large flowering golden yellow variety, one of the best.



Cyclamen Persicum. (See cut.) For conservatory or parlor culture the Cyclamen is unsurpassed. The large inverted blooms of various shades are very pretty. 25c each.

RED SORTS.

John Shrimpton. A very vigorous grower and free bloomer, color a deep velvety crimson.

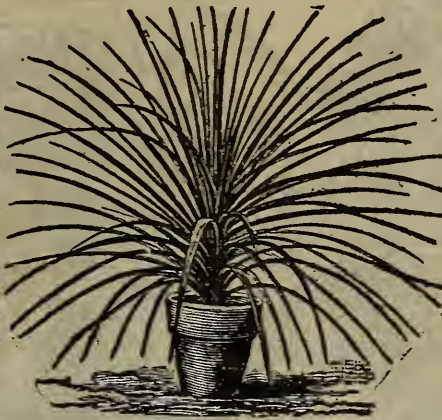


Chinese Lantern Plant.

tomato. Branches of lanterns cut and dried retain their rich and brilliant color and make most beautiful winter bouquets when used with dried grasses or leaves. The plant grows from 1½ to 2 feet in height, clothed with luxuriant foliage, among which is suspended an abundance of bright "lanterns" all the time. Elegant pot plant. 15c each.

Chinese Lantern Plant.

(See cut.) A decided novelty in the plant line. Treated like a tomato it grows and fruits freely from the seed the first season; yet the plants are perennial and may be wintered in the cellar or grown in pots as a window plant. The plant produces numerous large inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most novel and strikingly beautiful appearance. In these husks or "lanterns" a fruit is borne much like a winter cherry or husk.



Dracena Indivisa.



Clerodendron Balfouri.

appear. In these husks or "lanterns" a fruit is borne much like a winter cherry or husk. The plant produces numerous large inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most novel and strikingly beautiful appearance. In these husks or "lanterns" a fruit is borne much like a winter cherry or husk.

Cissus Discolor. (Chameleon Vine—See cut.) A beautiful and luxuriant climber, with sharp pointed, heart-shaped leaves, the upper surface of a dark, velvety green, with broad markings of white following the veins, the under surface of a deep reddish purple. 20c each.

Coronilla Glauca. (See cut.) A thrifty, rapid growing, bushy little plant, bearing an abundance of fragrant pea-shaped yellow flowers. Equally suitable for either summer or winter blooming. 15c each.

Clerodendron Balfouri. (See cut.) A superb house climber that has become very popular within the last two years, and is now in great demand. It grows very rapidly and to almost any height, and may be trained in any desired shape. The flowers are produced in great abundance, and, as shown in the illustration, are of a drooping habit, slightly resembling the blossoms of a Fuchsia. Color, white and scarlet. It makes a beautiful display when trained on a trellis among plants in the window garden. We would strongly urge all our friends who want a fine house climber to order this Clerodendron. 15c each.

Cinerarias. (See cut.) For gorgeous, showy blooms, supplemented by beautiful foliage, nothing can equal these old time favorites. Colors range from the purest white through the various shades of pink, blue and purple to almost jet black, all beautifully streaked and margined in the most superb manner. The plants we offer will bloom in the early spring, having been grown from the choicest strain of seed to be obtained. 15c each, \$1.50 per doz.

Datura Cornucopia. (See cut—Horn of Plenty.) This plant, a native of South America, produces immense trumpet-shaped flowers measuring from 7 to 9 inches in length and from 4 to 6 in diameter. The inside is a delicate white, the outside purple. The flowers are very fragrant and produced in great abundance. This forms a very compact, bushy pot plant, often measuring several feet in diameter. 20c each, 3 for 50c.

Dracena Indivisa. (See cut.) A very beautiful decorative plant with long, slender, graceful, drooping leaves. It is a rapid grower, adapted to pot culture in the house and very fine for centers of vases, rustic boxes, etc., on the lawn. Strong plants, 15 to 18 inches tall, by express, \$1.00.

Farfugium Grande. (See cut—Leopard Plant.) A valuable ornamental foliage plant, with clear, bright green leaves, heavily blotched and spotted with golden yellow. Very distinct and attractive. 25c each.

Fabiana Imbricata. A small pot plant, with cedar-like foliage, which in the spring produces an abundance of charming, pure white tubular blossoms. 15c each.

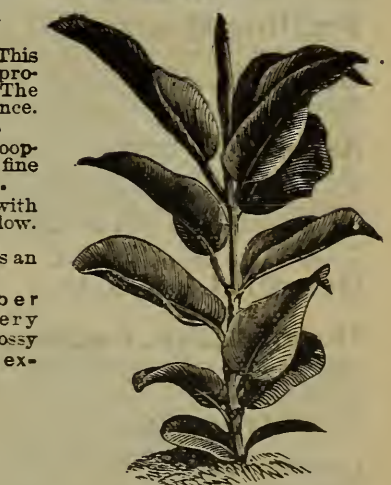
Ficus Elastica. (See cut—Rubber Plant.) A very graceful, ornamental plant with broad, glossy leaves of deepest green. Strong plants, by express, 75c to \$2.00 each.



Cineraria.



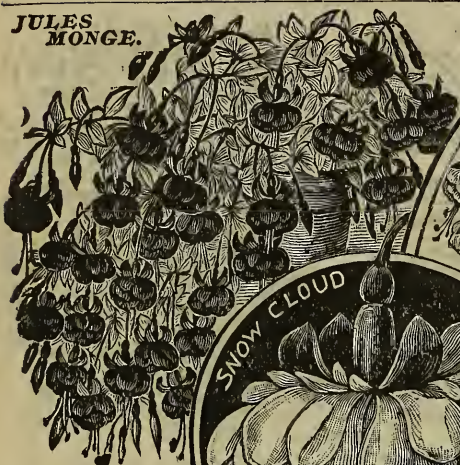
Cissus Discolor. (Chameleon Vine.)



Rubber Plant.



Farfugium Grande.

JULES
MONGE.**FUCHSIAS.**

There is no class of plants more universally grown than this old-time favorite. Its popularity never wanes, and if a person has room for only one plant that one should be a fuchsia.

They thrive best in a mixture of leaf mold and sand; should be kept in a shady, moist situation and require plenty of water, especially when in blossom. The varieties we offer are tried and true, and we heartily recommend them to our patrons. 10c each unless otherwise noted.

India. (See cut.) We secured several new varieties of Fuchsias from England last season and think the India is the finest double purple we have ever seen, with the possible exception of Purple Queen, which was introduced two years ago. India is a strong, rapid growing variety, producing large double purple blossoms in great profusion; it does well in almost any situation and requires but little attention; it is in fact as near perfection as a plant can be, and one adapted to house culture. 20c each.

Duchess of Edinburg. A magnificent, bold, free flowering variety introduced from England, where it is considered one of the best for amateurs. The sepals are broad and completely reflexed, of a bright carmine color. The corolla is full, double, of an almost pure white, sometimes suffused with rose at the base. It is a most beautiful plant and should be secured by every flower lover. 25c each.

GENERAL LIST.

Black Beauty. Large, double, dark purple blossoms, a very free bloomer.

Carl Holt. Single, red and white striped, very handsome.

Trailing Queen. Beautiful trailing variety. The stems attain a length of 3 to 4 feet and are a way mass of handsome foliage and large clusters of beautiful, graceful flowers. The tube and sepals are rosy scarlet, the corolla rich violet purple.

Gesneria. Dwarf growing plants, valuable on account of their foliage, which is most singularly veined and marked and as soft to the touch as the finest velvet. They produce spikes of vari-colored flowers, mostly scarlet and yellow. Owing to their tender nature they should be grown in the house, where they thrive most luxuriantly. 25c each.

Assorted Ferns. For jardinières and ferneries. We offer a choice assortment of 15 varieties, especially adapted to house culture. The now universal use of these plants for house decoration has induced us to grow them by the tens of thousands. By careful selection from year to year, discarding old and useless sorts and adding new and desirable ones, we are enabled to offer our customers a collection which will give the best of satisfaction. They are easily grown, thrive in any house if kept cool and well watered, and, being a "thing of beauty," are "a joy forever" to every one who grows them. Strong thrifty plants 20c each by mail or \$1.50 per dozen by express.

Grevillea Robusta. (Silk Oak.) A magnificent plant for decorative purposes, growing very rapidly. The foliage is finely cut, rivaling many of the rare ferns in beauty. 15c each.

Honeysuckle Fuchsia Flowered. This beautiful Honeysuckle of recent introduction is a very vigorous grower with long trailing branches which are literally covered the entire summer and early fall with beautiful red blossoms. The flowers are bright red, long trumpet shaped, and borne in large clusters, drooping like the Fuchsia. 15c each.

Heliotrope. Old time favorites, popular on account of their fragrant blossoms. They thrive equally well as bedding plants on the lawn or as pot plants in the house. 10c each, \$1.00 per dozen, \$6.00 per 100 by express.

Chieftain. (See cut.) Lilac colored, large truss. Fleur d'Ete. Pure white.

Hydrangeas. These are among the showiest house plants grown. They require but ordinary care and attention, and when once established increase in size and beauty with each succeeding year.

Hortensia. The well known and favorite old variety, producing immense clusters of pink blossoms, which remain on the plant a long time before falling. 25c each.

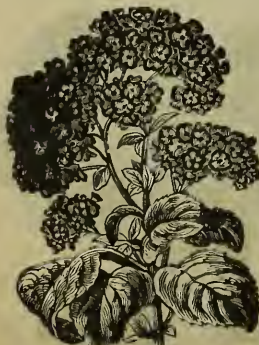
Otaksa. A valuable variety producing immense clusters of flowers of rose shaded white. It blooms when quite young and flowers continuously during the entire season. A very handsome variety for Easter forcing. 25c each.

Jasmine. New Queen, the night blooming Jasmine. A night blooming variety producing an abundance of deliciously perfumed small tubular shaped flowers. It blooms when very young and continues to blossom very freely as it becomes larger. 30c each.

Hibiscus. (See cut.) Strong growing tropical plants with handsome, glossy foliage and large, brilliant, showy flowers. In a warm, sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during summer they make a gorgeous display with their enormous bright colored flowers. 15c each, or the set of 4 for 50c.

Cooperii Tri-Color. Foliage beautifully variegated with dark green, pink and white; flowers single, very large; color crimson. Magnificent.

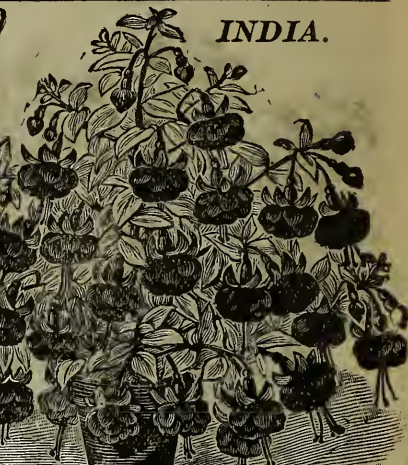
Rubra. Beautiful bright red.



Chieftain.

GENERAL
WASHINGTON

INDIA.

**BON TON COLLECTION.**

in the country. They are all tested varieties of great merit and as such are heartily recommended to our customers.

Gen. Washington. (See cut.) A gigantic flowering Fuchsia of upright habit, bearing immense double white flowers of perfect formation. It is one of the strongest growing and most free flowering Fuchsias we have ever seen, blooming incessantly almost the entire year. 15c each.

Jules Monge. (See cut.) A very large flowering variety with deep purple corolla. The plant is a strong, vigorous, upright grower, bearing its handsome flowers in great abundance. It begins to bloom quite early in the season and continues to furnish its flowers very freely until late in the year.

Snow Cloud. (See cut.) A gem in every sense of the word. The flowers are very double, a pure white and produced in great profusion. This variety was procured from Europe by us several years ago and it is certainly a most charming Fuchsia.

5 choice plants for 50c, postpaid. This collection contains the very best varieties offered by us or any other firm

Helene. (Tree Fuchsia.) Large, semi-double, orange scarlet blossoms, plant grows in tree form. 15c each.

Lindhurst. Large, double white.

Mrs. E. G. Hill. Large double blossoms, corolla pure white, sepals dark red.

Mrs. Marshall. Semi-double, corolla carmine, sepals white.

Othello. Blooms extra large, dark, double, purple.

Purple Queen. Flowers of largest size, violet purple.

Speciosa. Blossoms extra long, corolla crimson, tube and sepals bluish pink.

A FLAME PINK
HIBISCUS.

Collerit. Lemon yellow, base of petals crimson scarlet.

Zebrinus. Petals scarlet, edged and striped with creamy yellow and white. A unique variety. 15c



Beauty of Castle Hill.

ed by us on account of the size and brilliancy of blossom, their sturdy, vigorous growth and their profusion of bloom throughout the season.

Alphonse Ricard. This is a handsome, strong growing variety of compact branching habit, producing in greatest profusion immense trusses of semi-double orange red blossoms of perfect form. 10c each.

Jean Viand. The Grand Pink Bedder of Bruant Type. Soft, pure pink, semi-double with two white blotches. Dwarf stocky grower, rigid stems, large trusses, perfect florets, a continuous bloomer, the plant being covered with flowers throughout the season; the finest double pink variety that we have ever seen; will rank with the best bedders of any color, if it does not prove the leader of them all. It has an iron constitution; withstands rain and sun better than any known geranium. 20c each.

Mad Jaulin. Pronounced by many the finest of all the delicate pink varieties. The plant is of dwarf robust habit. Flowers of largest size and very abundant; the center a delicate pink, outside a pure white. A very attractive and valuable variety. 20c each.

Dryden. Fine for either bedding or pot culture; stands sun and storm remarkably well. Flowers single, bright, rosy red, with large white blotches on two upper petals and smaller blotches on the three lower ones. A very free and continuous bloomer. 25c each.

J. J. Harrison. The most brilliant scarlet grown. The trusses and individual florets are of immense size, many of the latter measuring 2 inches in diameter. The color, a rich brilliant scarlet, renders it exceedingly valuable for massing on the lawn. 15c each.

La Favorite. An old, well-known double white variety, and still considered one of the very best for general cultivation. The flowers are perfectly double, pure white, and produced in great profusion throughout the season. 10c each.

TESTED VARIETIES OF SPECIAL MERIT.

Apotheose. Double, clear bright rose, with large white center; the upper petals suffused carmine.

Beauty Poitevine. Large trusses of semi-double, brilliant salmon flowers.

John Doyle. Semi-double. Trusses round, large; of a bright vermilion scarlet.

La Incontable. Large, double blossoms, of a beautiful bright rose color.

Mrs. Beadsley. Light salmon pink. Single blossoms, borne in extra large trusses.

Mrs. E. G. Hill. Single. Salmon, with a light shading in center. Trusses very large and composed of a great number of florets.

Mrs. J. M. Garr. Single, white. A very prolific bloomer.

Queen of the West. Single, scarlet. A choice bedder.

S. A. Nutt. Double, dark rich crimson. Trusses very large. The most popular variety ever introduced.

IVY LEAF VARIETIES. These are very desirable for baskets, vases, boxes or any place where a trailing or climbing plant is desirable. The bright, shining foliage is very beautiful and this is greatly enhanced by the large trusses of bright colored blossoms. The collection which we offer herewith we consider the very cream of the list, as it contains all the good varieties of recent introduction. 15c each, or the entire collection of 5 for 60c.

Beauty of Castle Hill. (See cut.) A beautiful variety, producing large flowers of a soft rose color with a dark blotch on the upper petals.

Garden Glory. A very popular sort. Individual blooms of largest size, of a very pleasing pink color.

Jeanne De Arc. Flowers very large, of the purest white; free flowering, distinct and fine.

Le Elegante. Foliage light green, margined white; blossoms pure white. Very choice.

Souv Chas. Turner. A very profuse bloomer. Flowers double, bright pink, upper petals feathered maroon.

SILVER LEAF VARIETIES. Valuable for borders, edgings, etc., and for pot plants.

Mountain of Snow. The best of the silver leaves. Has large leaves, edged with silver.

Mad Sallerai. Small, green leaves, tinted with white.

JUSTICIAS. (Plume Plants). A beautiful class of plants of very easy culture and rapid growth. They commence to flower when quite young, throwing up large plume-like, blossoms which last a long time. As a house plant they are unexcelled. 20c each, or the 3 for 50c.

Flava. Yellow. New and desirable. **Velutina.** (See cut.) Pink. **Carnea.** Red.

LANTANAS. These are among the most satisfactory bedding plants that can be grown, affording an abundance of bloom continuously throughout the entire summer. They are also fine grown in pots on the porch or in the house and can be kept in a light cellar during the winter. They thrive best in a moderately rich soil with plenty of sunlight and moderate watering. 10c each; \$1.00 per doz.

La Neige. Pure white, with faint shades of yellow. **Hendersoni.** Orange, changing to bright crimson.

Mrs. McKinley. See Specialties, page 14.

Linum Trigynum. (See cut.) Yellow Flax. A beautiful little plant of easy culture, and one of the best we know for winter blooming. It flowers during the entire season. The blossoms are large, round, deep, orange yellow. 15c each.

Lobelia. These are very handsome little plants, suitable for boxes, baskets, vases or for bordering beds on the lawn. They produce an abundance of bloom the entire season, the color being a very rich blue. 10c each, 75c per doz., \$4.00 per 100, by express.

Choice Geraniums.

After careful trial and selection extending over a period of many years we have chosen the following sorts as best adapted to general cultivation. The ever increasing popularity of these plants has resulted in the development of a new race which are far superior to the old garden varieties of a few years since. Price, unless otherwise noted 10c each, \$1.00 per doz., postpaid; \$6.00 per 100 by express.

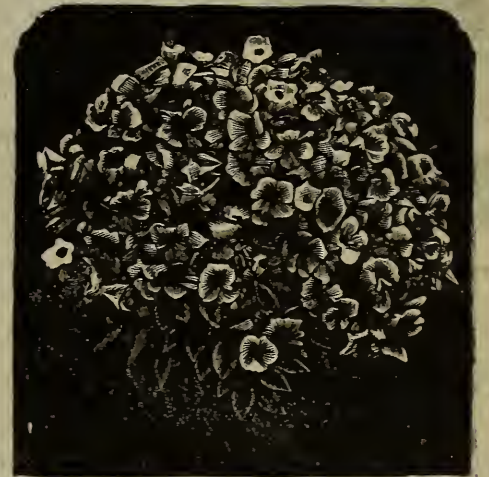
May's Premier Collection.

These 6 choice plants for 75c.

This contains 6 of the very best varieties in cultivation which are selected for their sturdy, vigorous growth and



J. J. Harrison.



Linum Trigynum.



New Dwarf Justicia Velutina.



Manettia Bicolor. (See cut.) This is one of the most desirable climbing vines ever introduced, blossoming the entire year without any resting period. It is splendid for house culture in winter, making a fine showing when trained on a trellis. It is equally desirable for outdoor culture, often attaining a height of 12 or 15 feet in a single season. The blossoms, which are tubular in form, and from 1 to 2 inches in length, are of a bright flame color tipped with golden. 15c each.

Meyenia Erecta. A plant of very easy culture which produces flowers similar in shape and color to a Gloxinia. It is a free and rapid grower and produces its blossoms very profusely. 15c each.

OLEANDERS. These plants still retain their popularity with plant and flower lovers.

Prince Albert. Mammoth white flowers, perfectly double. A grand variety. 30c each.

La Rosairie. Lovely double pink blossoms, large, and of most delicate shade. 30c each.

Golden West. Beautiful double flowers of a golden shade. A valuable and rare variety. 30c each.

The set of three for 75c.

Pansies. We have grown a specially fine lot of plants from the best Imperial Mixed seed and can ship choice plants in bud and bloom at any time. 10c each, 60c per doz., postpaid; \$3.00 per 100, by express.

Pomegranate, The Gem. (See cut.) A beautiful plant of symmetrical growth, equally good for bedding or pot culture in the house. The blossoms, which are borne quite freely, are of a beautiful orange scarlet color. As the plants are deciduous, they can be kept in the cellar during the winter and started again the following spring. It is quite hardy in the open ground during the winter. 15c each.

PELARGONIUMS. No class of plants for house culture produce more gorgeous and showy flowers, are of more easy culture, or give better satisfaction than the Lady Washingtons, as they are generally known. In this collection of 8, introduced by one of the best specialists in this country, we have a rich and marvellous array of colors and a trio of strong, compact growers unsurpassed for freedom of bloom. 30c each, or the set of three for 75c, postpaid.

Sandiford's Surprise. (See cut.) A charming flower of splendid habit. Big black blotches in upper petals, edged fiery red, surrounded with a broad band of white; lower petals white, with bright red spot in center of each. Continues long in flower and is one of the most distinct in cultivation.

Mrs. Sandiford. A splendid semi-double white flower, very pure in color, some flowers showing a small rich maroon spot in upper petals, heavily fringed. The many admirers of the genuine Florist Pelargonium will welcome this variety as being simply invaluable for all kinds of floral work, as the plants are smothered in bloom a long time.

Sandiford's Best. A new and distinct flower of a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat. The plant is marvellous, free flowering and the trusses very large and round. Very attractive, and most charming variety.

GENERAL LIST. 20c each, or the set of seven for \$1.25.

Pride of Elland. Large blossoms of a light rose shade, the center marked and blotched with deep red and maroon.

Champion. Gigantic flowers, white, delicately shaded blush, small lake blotch in lower petals, upper feathered maroon and red.

Countess. Clear attractive shade of salmon; large pure white center, narrow distinct white edge, feathered maroon in upper petals.

Dorothy. Fine large flower, full and round, of a soft shade of carmine rose, white center surrounded with a lilac shade, all the petals margined white and elegantly fringed; upper petals blotched maroon.

Edward Perkins.

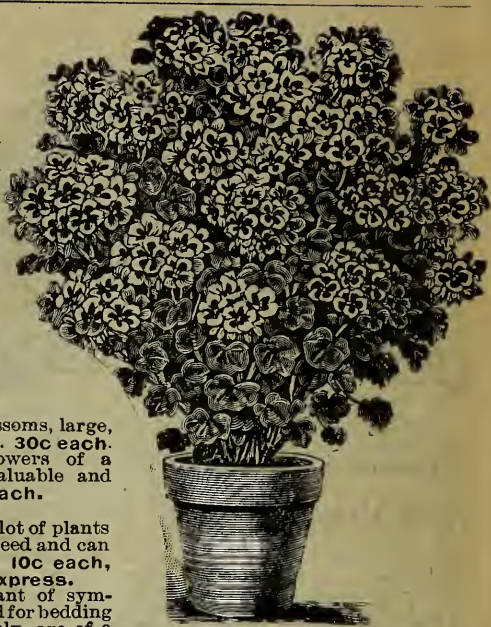
Grand bright orange scarlet, maroon blotch in upper petals, beautifully fringed and undulated.

Mad. Thibaut.

White blotched and marbled with rose, upper petals marked with crimson maroon, large white center.

Marie Mallet.

Silvery white, carmine spot on lower petals, red and maroon on upper, habit very dwarf, quite distinct.



Pelargonium, Sandiford's Surprise.

PETUNIAS, Double Varieties. 15c each, or set of 4 for 50c.

No class of plants produces more gorgeous and showy blossoms and flowers more freely than these beautiful annuals. Even the common mixed single seeds produce a grand profusion of bloom the first season from sowing. The plants which we offer, however, produce blooms of the largest size, double, and of the most beautiful and striking colors. They are grown from cuttings, not from seed, thus preserving the purity of type, and make excellent pot plants and are equally valuable for beds, boxes, vases, etc. The petunia blooms most profusely from new branches. If the old branches are kept cut back and the plant given frequent applications of liquid manure, the best results will be obtained.

Blanche Dysinger. (See cut.) After years of careful selection and propagation we are able to offer a white petunia of immense size, a very vigorous and healthy grower and a most profuse bloomer. The blossoms, the largest we have ever seen, are a pure white, delicately fringed, fragrant, and when cut and placed in water will remain fresh for ten days or two weeks. It succeeds equally well as a pot plant or for bedding on the lawn.

Adonis. A most delicate and pleasing shade of pink. Blooms extra large, of good substance and a long keeper. A most beautiful variety.

Eureka. An elegant red variety—one that is bound to become most popular. This variety was discovered among a lot of seedlings and after several years of propagation we are enabled to place it on the market.

Fritz. This is a decided novelty in petunias. The ground work of the flower is a deep purple, which is beautifully marked and penciled with cream white and pink, the whole forming a most gorgeous combination.

Primula Obconica Grandiflora. A charming novelty of the Primrose family. It is a strong, compact grower, forming immense clumps of beautiful green leaves, from which rise tall and graceful stems bearing aloft large fringed flowers of a delicate pink tinge. It is a profuse and continuous bloomer, and like the Forbesi they remain fresh a long time after being cut and placed in water. 25c each or 3 for 60c.



Pomegranate.



Primula Obconica Grandiflora.



Petunia, Blanche Dysinger.



Kentia.

growing variety, never attaining a large size, and one of the easiest for house culture. It is especially valuable for the center of fern dishes. 30c each. Larger plants by express, 75c to \$3.00 each.

Kentia. (See cut.) This is considered the hardiest and best palm in general cultivation. Foliage dark green, gracefully arched. A rapid grower. 35c each. Large plants by express, \$1 to \$5 each.

Latania Borbonica or Fan Palm. (See cut.) One of the most popular varieties grown, prized especially for its beautiful, large, fan shaped leaves of deep glossy green. 25c each. Large plants by express, \$1.50 to \$10.00 each.

Oreodoxia Regia. This is the famous Royal Palm, one of the grandest in cultivation. The leaves are large, feathery-like, while the trunk is nearly pure white. It is a rapid grower and soon forms a large plant. 30c each.

Phoenix Reclinata. Another desirable variety for house culture, being of robust habit, rapid growth, easy culture. A most graceful decorative plant. 30c each.

Seaforthia Elegans. An elegant variety with long, dark green leaves. Of most graceful habit and rapid growth. Very beautiful and decorative. 35c each.

PASSIFLORAS (Passion Flowers). These are the prettiest and most easily cultivated of all the rapid growing climbing vines. They are fine for training over porches, trellises, etc., in summer, and for house culture in winter. Their flowers, which are most curiously formed, are very interesting and beautiful. 15c each, or the set of four for 50c.



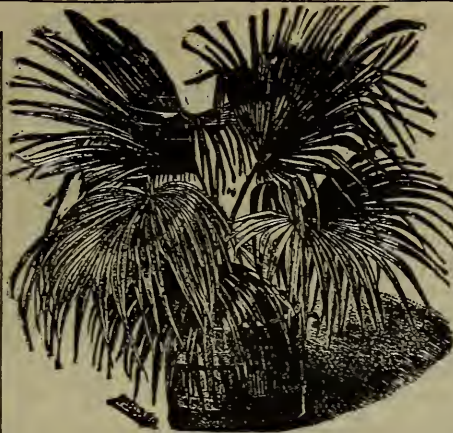
Solanum Rantonetti.

Pfordi. One of the best for outside planting. Blue suffused with rose.

Constance Elliot. Blossoms pure white except a very slight coloring at the base of the corolla. The most popular variety grown.

Egyptian Un-like Scarlet. any other variety grown. Color a deep, rich scarlet.

Northern King. (See cut.) The hardy Passiflora. The prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. Greatly admired by every person who sees it. They bloom all summer and very far north must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet. It is covered with beautiful blooms, 4 to 5 inches across, supported on stout stems. The color is peculiar, of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the winter far north, and bloom every season for years. Every garden in the country should have one.



Latania.

to mail our special palm price list on application to all who desire larger plants than are listed here. All varieties are grown from seed. See page 80 for our palm seed.

Areca Lutescens. (See cut.) One of the most graceful palms in cultivation. The foliage is a bright glossy green, the stems being a rich golden yellow splashed and blotched with brown specks. 30c each. Larger plants by express 75c to \$5.00 each.

Cocos Weddelliana. This is the most elegant palm in cultivation, having graceful arching leaves and fine cut foliage. It is a slow growing variety, never attaining a large size, and one of the easiest for house culture. It is especially valuable for the center of fern dishes. 30c each. Larger plants by express, 75c to \$3.00 each.

Russelia Juncea. A handsome plant, suitable for garden or pot culture, requiring the same treatment as a geranium. It produces numerous long, wiry stems which are leafless. The flowers are borne on these stems, being about the size and shape of Manettia blossoms. Very fine for hanging baskets. 15c each.

SOLANUMS, Jasminoides Grandiflorum. A beautiful plant of climbing habit, growing to a height of 4 or 5 feet. Its flowers are star shaped and borne in clusters, large, pure white, with a violet tinge on back of petals. A continuous bloomer and very valuable for pot culture. 15c each.

Capsicastrum or Jerusalem Cherry. A dwarfing plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. 15c each.

Rantonetti. (See cut.) The true blue Solanum. It forms a neat little bush about 2 feet high, which is covered with blooms the entire summer and almost until Christmas. The flowers are clear blue with yellow center. As easily grown as a geranium. 15c each.

SMILAX. Everyone knows the value of this beautiful climber. It is of most rapid growth and easy culture and thrives well in any ordinary living room. The vine should be grown on strong thread if wanted for cutting. This can be cut off when it attains the proper growth, and the plant will sprout and grow again very rapidly. 15c each.

A FEW CHOICE HARDY HERBACEOUS PLANTS.

Pentstemon. (Beard Tongue.) A most useful hardy perennial; begins to blossom early in June and continues till late in autumn, producing spikes of brilliant scarlet flowers. 20c each.

Platycodon Grandiflorum. (Chinese Bell Flower.) A rapid growing plant, which will do well in any garden soil. Flowers large, bell shaped, of a deep shade of blue. 15c each.

Poppy Oriental.

The large blossoms of rich, brilliant colors render them very conspicuous in any position. 15c each.

Pyrethrum Roseum.

An exceedingly valuable class of perennials, which blossom profusely during the summer. Fine for bouquets, etc. 15c each.

Ranunculus Buttercup.

Among the earliest of spring flowers. Very effective for planting in permanent borders, etc. 15c each.

Passion Flower, Northern King.

The prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. Greatly admired by every person who sees it. They bloom all summer and very far north must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet. It is covered with beautiful blooms, 4 to 5 inches across, supported on stout stems. The color is peculiar, of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the winter far north, and bloom every season for years. Every garden in the country should have one.

Pyrethrum Roseum.

An exceedingly valuable class of perennials, which blossom profusely during the summer. Fine for bouquets, etc. 15c each.

Ranunculus Buttercup.

Among the earliest of spring flowers. Very effective for planting in permanent borders, etc. 15c each.

Passion Flower, Northern King.

PALMS.

This lovely class of plants is now considered indispensable for home decorating, and the low prices at which they are now offered place them within reach of all. We list here a few of the best known varieties in small sizes. We carry a large stock of all the popular sorts in larger size plants and will be pleased



Areca Lutescens.

A handsome plant, suitable for garden or pot culture, requiring the same treatment as a geranium. It produces numerous long, wiry stems which are leafless. The flowers are borne on these stems, being about the size and shape of Manettia blossoms. Very fine for hanging baskets. 15c each.

SOLANUMS, Jasminoides Grandiflorum.

A beautiful plant of climbing habit, growing to a height of 4 or 5 feet. Its flowers are star shaped and borne in clusters, large, pure white, with a violet tinge on back of petals. A continuous bloomer and very valuable for pot culture. 15c each.

Capsicastrum or Jerusalem Cherry. A dwarfing plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. 15c each.

Rantonetti. (See cut.) The true blue Solanum. It forms a neat little bush about 2 feet high, which is covered with blooms the entire summer and almost until Christmas. The flowers are clear blue with yellow center. As easily grown as a geranium. 15c each.

SMILAX. Everyone knows the value of this beautiful climber. It is of most rapid growth and easy culture and thrives well in any ordinary living room. The vine should be grown on strong thread if wanted for cutting. This can be cut off when it attains the proper growth, and the plant will sprout and grow again very rapidly. 15c each.

A FEW CHOICE HARDY HERBACEOUS PLANTS.

Pentstemon. (Beard Tongue.) A most useful hardy perennial; begins to blossom early in June and continues till late in autumn, producing spikes of brilliant scarlet flowers. 20c each.

Platycodon Grandiflorum. (Chinese Bell Flower.) A rapid growing plant, which will do well in any garden soil. Flowers large, bell shaped, of a deep shade of blue. 15c each.

Poppy Oriental.

The large blossoms of rich, brilliant colors render them very conspicuous in any position. 15c each.

Pyrethrum Roseum.

An exceedingly valuable class of perennials, which blossom profusely during the summer. Fine for bouquets, etc. 15c each.

Ranunculus Buttercup.

Among the earliest of spring flowers. Very effective for planting in permanent borders, etc. 15c each.

Passion Flower, Northern King.

The prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. Greatly admired by every person who sees it. They bloom all summer and very far north must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet. It is covered with beautiful blooms, 4 to 5 inches across, supported on stout stems. The color is peculiar, of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the winter far north, and bloom every season for years. Every garden in the country should have one.

Pyrethrum Roseum.

An exceedingly valuable class of perennials, which blossom profusely during the summer. Fine for bouquets, etc. 15c each.

Ranunculus Buttercup.

Among the earliest of spring flowers. Very effective for planting in permanent borders, etc. 15c each.



Thysanacanthus Rutilans or
The Carmine Fountain.

Stevia Serrulata. Free blooming plants bearing a multitude of small, fragrant, pure white flowers. Fine for open borders, also for pot culture in the house. 15c each.

Sutherlandii. One of the brightest and showiest plants in our entire collection. It is of dwarf, compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. 15c each.

Swainsonia Alba. (See cut.) A most desirable ever blooming plant with graceful fern-like foliage. The flowers, which resemble a miniature sweet pea, are produced in clusters throughout the year. It is readily trained to a trellis and of easy culture. Color purest white. 15c each.

Thysanacanthus Rutilans or Carmine Fountain. (See cut.) A plant of exceedingly striking beauty of foliage, flowers and habit of growth. It grows in tree form with pendant foliage from which it throws beautiful long tassels or trumpet shaped carmine flowers 18 to 20 inches in length. 15c each.

Tecoma Smithi. A dwarf, bushy trumpet creeper which blooms nearly the whole year round. The flowers are over 2 inches in length, of a rich lemon color shading to dark orange yellow. 15c each.

Vincas. Pretty trailing vines very suitable for window boxes, vases and baskets. The leaves are of a thick, leathery substance which stand a great amount of rough usage without injury. Green leaved and variegated leaved. 20c each.

Verbenas. These old and ever beautiful little bedding annuals are still among the most popular plants for lawn culture. The plants which we offer are grown from cuttings from the giant flowering varieties, and are far superior to the old common, small flowering sorts grown from seed. 10c each, \$1.00 per dozen.

Violets, Marie Louise. A very fragrant double blue variety. 15c each.



Swainsonia.

BULBS AND TUBERS.

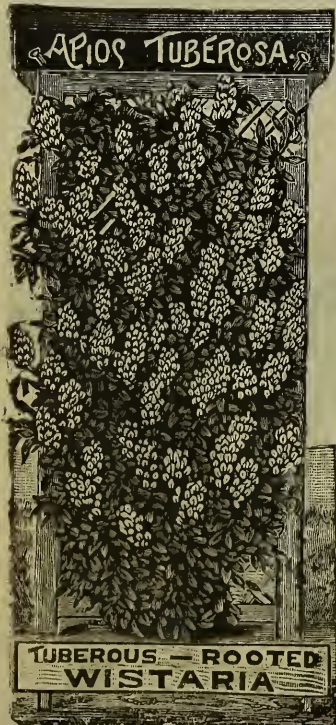
APIOS TUBEROSA, or Wild Wistaria. (See cut.)

An excellent vine for clambering over trellises, rock work, stumps, etc. A rapid grower, providing pretty clusters of purple flowers of a delicious fragrance. 10c each, or 75c per dozen.

CALADIUM ESCULENTUM, or Elephant's Ear. (See cut.) A well-known tropical plant bearing immense leaves of thick leathery substance. For large beds on the lawn or as single specimen plants, nothing is more beautiful or striking in appearance. Bulbs planted in the spring make large plants during the summer. The bulbs can be taken up in the fall and stored in dry sand during the winter for another season's planting. Good sized bulbs, 25c each. Extra large, 50c each.

CALADIUM, Fancy Leaved Varieties. For window boxes, house and greenhouse culture this is one of the most decorative plants known. Their rich, thrifty leaves, handsomer than begonias, are spotted, marbled, veined and streaked with white, pink and red. Though comparatively rare, these plants are easily grown. They require a light soil and should be started into growth in a warm place about April 1. When planted out of doors they should be placed in a shady location, as the hot rays of the sun injure the foliage. The bulbs should be dried down in the fall and stored in a warm place in winter. 25c each. A collection of 5 best varieties for \$1.00.

CALLAS, Little Gem. (See cut.) A dwarf growing variety similar to the old common white sort except in size. A very pretty and ornamental house plant. 15c each.



Spotted Leaf. Dark green leaves beautifully spotted with white. The flowers are white with a purple throat. 25c each.

Black Calla. (See cut.) A remarkable variety producing velvety black blooms, with coal black spathe. Foliage large and vigorous. 30c each.

White Calla. The old, well-known variety. 25c each.

The above set of 4 Callas for 75c, postpaid.

CINNAMON VINE or Chinese Yam. A very desirable, hardy, rapid climber. 10c each, 50c per dozen.



Caladium Esculentum.

DAHLIAS. Separate colors. White, yellow, pink, red, variegated. 10c each, \$1.00 per dozen.

Double Large Flowering Varieties. 15c each, \$1.50 per dozen. Beauty—Pure white, fine large flower. Frank Smith—Bright red. Duke of Edinburg—Canary yellow. Hector—Orange scarlet. Marguerite—Deep rose, very free flowering.

Pompon Varieties. 15c each, \$1.50 per dozen. Dr. Webb—Small, rich scarlet. Fashion—Pale orange, fine. Lurline—Canary yellow. Little Lucy—Light crimson. Mignon—Bright crimson scarlet. Snowflake—Pure white.

LILIES. They thrive best in a dry, rich soil where water will not stand in winter. After planting they require but little care and should not be disturbed for years, as established plants bloom more freely than if taken up each year. The varieties offered herewith can be safely sent in spring and are perfectly hardy.

Lily Auratum, Gold Banded Lily. Of all the Lily tribe this is undoubtedly one of the finest, whether we regard its size, its sweetness or its exquisite arrangement of color. Its large and graceful flowers are composed of six petals of a delicate ivory white color, thickly studded with chocolate crimson spots and striped through the center a golden yellow. From 6 to 20 flowers are produced on a stem, and, as the bulbs acquire age and strength, the flowers increase in size and number. 20c each for strong bulbs.

Speciosum Rubrum. White, beautifully spotted red. Blooms in August. 20c each.

Speciosum Album. Pure white, sometimes slightly tinged rose on end of petals. 25c each.

Tigrinum Flore Pleno. (Double Tiger Lily.) Orange red, spotted black. Very showy double flowers. 15c each.

Longiflorum. White trumpet shaped flowers. 15c each.

One each of the above 5 Lilies for 80c.

MADEIRA VINE. The old favorite climbing mignonette. Thick glossy leaves and long hanging stems of feathery, fragrant white blossoms. 5c each, 50c per dozen.

TUBEROSES, Double Dwarf Pearl. Extra large. 5c each, 50c per dozen.

Silver Leaf. Foliage distinctly striped white and green. They blossom several weeks earlier than the double Tuberoses. 10c each, 75c per dozen.



Calla, Little Gem.



Black Calla.



CANNAS.

No class of plants ever offered has grown in popularity like these. They are very effective for bedding on the lawn, and equally good when grown as pot plants in the house or conservatory. They commence blooming soon after being planted out, and flower profusely until stopped by frost. When well ripened by frost the bulbs should be carefully dug and dried and stored in a dry place in a temperature of 50 to 60 degrees. They multiply very rapidly, and can be kept for years by observing the directions given. They require a deep soil, enriched with well-rotted manure, and should be watered freely. Our list embraces the best of the novelties and old standard varieties, every one of which we recommend to our customers.

Price, unless otherwise noted, 15c each, \$1.50 per doz., postpaid; by express, \$8.00 per 100.

Varieties quoted at 20c each, \$2.00 per doz., postpaid; by express \$10.00 per 100.

Varieties quoted at 25c each, \$2.50 per doz., postpaid; by express \$12.00 per 100.

Varieties quoted at 30c each, \$3.00 per dozen postpaid; by express \$15.00 per 100.

One each of the entire set of 31 varieties for \$4.00.

New Orchid Flowering Varieties.

These are all remarkably strong, vigorous growers, under liberal cultivation attaining a height of 5 to 7 feet, and produce gorgeous showy blossoms, measuring 3 to 6 inches in diameter.

Austria. A canary yellow, fine large flowers with a few traces of reddish brown on center petals. America. Fine bronze foliage marbled with green. Flowers rich orange salmon, feathered and veined with scarlet. Height 6 feet. 20c.

Burbank. Similar to Austria, but of more compact habit of growth, pure yellow without the reddish tinge on petals. Height 5 feet.

Italia. The coloring of this giant orchid is most gorgeous. It is a rich golden yellow, heavily splashed and spotted with bright reddish crimson. The plant is an extra strong grower, and the blooms of immense size. Height 5 feet. 20c.

Yellow Shades.

L. E. Bailey. Light canary yellow, spotted orange. Height 5 feet.

Count de Bouchard. Rich golden yellow, heavily spotted bright red. Height 4½ feet.

Mad. Montefiore. Yellow, slightly spotted red. Height 5 feet. 25c.

Crimson Shades.

President McKinley. A dwarf-growing variety. Color a brilliant crimson, with bright scarlet shading. Truss large, compact and stands well above the foliage. Height 3 feet. 25c.

Admiral Dewey. One of the most charming varieties ever introduced. It is a medium strong grower, forming a compact bushy plant. The flowers are borne well above the foliage, are of firm texture and lasting quality, height 4 feet. The color is a rich crimson. 25c.

Alphonse Bouvier. A tall, vigorous grower. Color a deep, rich velvety crimson. Height 5 feet.

Progression. Deep golden yellow, heavily spotted crimson. Height 6 ft. 25c.

Florence Vaughan. Flowers large, yellow, spotted with light red. They never fade and remain on the stalk a long time. Height 5 feet.

Shades.

Beaute Poitevine. Bright rich crimson. Spikes strong, erect. A fine bedder. Height 5 feet.

Chas. Henderson. Flowers a clear, bright crimson. A fine bedding variety. Height 4 feet.

Ami Pichon. Magnificent deep crimson, trusses very large. Height 5 feet.

Sophie Buchner. Flowers very large, on stiff, erect stems; color deep crimson with vermilion shading. Height 5 feet. 20c.

Flamingo. Deep, rich, glowing crimson; grows to a height of 4 feet. 20c.

Red and Scarlet Shades.

Admiral Avellan. The foliage is a deep bronze, flower a rich orange scarlet, overlaid with salmon, giving it a rich, luminous appearance. Height 4 feet.

F. R. Pierson. A medium, tall growing variety of compact, bushy growth, bearing large trusses of bright scarlet flowers. An early and profuse bloomer.

Papa. A dwarf-growing variety, forming compact, symmetrical plants, and bearing immense trusses of pure red blossoms. Height 4 feet. 20c each.

Egandale. A fine dark foliage variety with blossoms of a soft currant red. Height 4½ feet.

Robusta. Valuable for its foliage, which is a beautiful dark brown. A tall, vigorous grower, 7 to 8 feet high.

Explorateur Campbell. Clear vermilion scarlet, tinted with crimson spots. Height 5 feet. 20c.

Orange and Salmon Shades.

Paul Marquant. Deep rich salmon, slightly shaded orange, borne on strong, stiff spikes. Height 4 feet.

J. C. Vaughan. Dark purple foliage. Vermilion orange flowers of a satiny lustre. Height 4 feet.

Sec. Cabanne. A beautiful orange with deep shading; flowers large and round. Height 4 feet. 25c.

Pink Shades.

Rose Unique. A vigorous grower. Flowers rosy pink. Height 5 feet.

Mlle. Berat. The nearest approach to a clear, rich pink yet introduced. A very soft shade of rosy carmine. Height 4 feet. 20c.

Alba Rosea Grandiflora. The base of the petals is rich, deep rose, tinting upwards through light rose into flesh pink, until the color merges into creamy white. Height 6 feet. 25c.

Variegated Shades.

Queen Charlotte. Considered the best gilt-edge variety to date. Spikes long and stiff, with blossoms well above the foliage. Height 4 ft.

François Crozy. Flowers bright orange, bordered with a narrow edge of gold. Height 5 feet.

EXTRA STRONG PLANTS. We can supply strong pot grown plants 12 to 15 inches high, for shipment May 15, customers choice of colors, but our selection of varieties. These are fine for immediate effect on the lawn, as many of them will be ready to flower or in blossom when shipped. Price \$2.00 per dozen, or \$15.00 per hundred by express at purchaser's expense.

GLOXINIAS. These charming summer flowering bulbs are noted for the gorgeous colorings of their blossoms. They thrive best in a light, porous soil, composed of leaf mold and fibrous loam, thoroughly enriched with pulverized manure or bone meal. They should be shaded from the direct rays of the sun. When

the plants have finished blossoming, water should be gradually withheld and the bulb allowed to ripen. Store in a moderately warm room in dry sand or they can be left in the pot in which they are grown. Our collection is very choice. Price for strong bulbs, 20c each or \$2.00 per dozen.

GLADIOLUS. These are the most attractive summer flowering bulbs grown. Wonderful improvements have been made in the past few years. We offer choice mixtures which we are sure will please.

Royal Mixed. In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kinds each season, we have produced a strain which for size of bloom and brilliancy of coloring is unsurpassed. \$1.00 per dozen, 10c each.

Imperial Mixed. This consists of a selection of choice flowering varieties selected from the best old named sorts. 50c per doz., 5c each.

Common Mixed. Choice, large bulbs, remarkable for their free blooming qualities and size of bloom. We are confident this collection will please everyone who wishes a nice display of bloom. 25c per doz., postpaid; \$1.50 per 100, by express.

CHOICE NAMED VARIETIES 10c each, except where noted. The entire collection for \$1.25.

Addison. Dark amaranth, striped white.

Gen. Sherman. Large fine scarlet.

Lord Byron. Brilliant scarlet, blotched pure white.

Mr. Bains. Clear light red.

Octoroon. Beautiful salmon pink. 15c.

Proserpine. Rosy white.

Reine Victoria. Pure white, carmine violet blotch.

Shakespeare. White, slightly suffused with carmine rose; large rosy blotch.

Snow White. The only pure white known, large blooms, enormous spike. 25c.

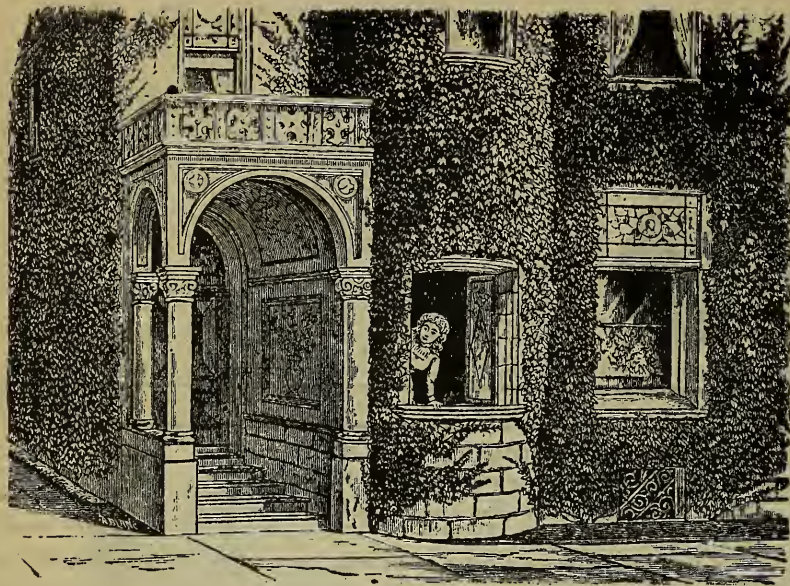
The Queen. Immense flowers, white tinged with blush and flaked carmine. 20c.

Van Spandonk. Fiery red.

Zampa. Tender rose, mottled carmine; purplish carmine feather; flowers often double. 15c.



Gladioli.



Ampelopsis Englemanni.

HONEYSUCKLES. These are all perfectly hardy, thriving well throughout the North with slight protection the first two or three winters. 15c each.

Scarlet Trumpet. A rapid grower, producing scarlet, trumpet shaped flowers the entire season.

Hall's Japan. A strong, vigorous variety, producing fragrant blossoms from July till frost. Color white, changing to yellow.

Golden Variegated. Beautifully variegated foliage, leaves netted and veined with pure yellow. Blossoms yellow and fragrant.

Ampelopsis Quinquifolia. Virginia Creeper. This is the common woodbine or five leaved ivy, valuable on account of its extreme hardness and its adaptability to all situations. 15c each; 2-year old plants, 30c.

Bignonia Radicans. Trumpet Flower. An excellent vine with handsome, lance shaped leaves of the darkest green. The flowers are orange and scarlet and are produced in the greatest profusion the entire season. 20c each.

Chinese Matrimony Vine. Lycium Chinensis. A very handsome, hardy climber of rapid growth, succeeding well in almost any soil or situation. It is a very profuse bloomer, producing bright purple flowers which are succeeded by showy scarlet berries. 15c each; 2-year old, 35c.

CLEMATIS. There is nothing in the line of climbing plants or vines that surpasses the Clematis in gracefulness of foliage and beauty of blossom. When given proper care and attention they make a very rapid growth and well repay the care and labor bestowed upon them. They require a deep soil richly fertilized. Most varieties are benefited by a slight protection during the first two or three winters.

Jackmanni. The best of all the large flowering varieties. Color a deep violet purple. 25c each; 2-year old plants, 75c.

Henryii. The best large flowering white variety. A very free bloomer. 25c each; 2-year old plants, 75c each.

Coccinea. Bell shaped flowers of an intense scarlet color. A very free bloomer, the flower being of unique form. This variety should be in all collections. 15c each; 2-year old, 35c.

Paniculata. A magnificent white-flow-ering sweet-scented Clematis. Hardy in all parts of the United States. The blossoms are pure white, and borne in great bunches or clusters, covering the plant so completely as to almost hide from view the rich, glossy green foliage. It usually begins to bloom early in August, and produces its great panicles of bloom in the greatest profusion for a number of weeks. The blossoms are very sweet scented, and a small bunch of the cut flowers will perfume a whole room, filling the air with their delicious fragrance. The vine is of the most hardy, healthy habit, and frequently grows to a height of 30 or 40 feet in a single season. Another valuable point in this climber is the fact that it comes into flower late in the season, when nearly all other vines have ceased blooming. Strong, thrifty plants, 20c each, 3 for 50c, 12 for \$2.00.

WISTARIAS. These require a deep, rich, well-manured soil the same as Clematis and respond very readily to generous treatment. They require protection in the extreme north. 30c each; strong 2-year old plants, 75c.

Chinese White. Long racemes of pure white flowers produced in great profusion.

Chinese Blue. Hardier than the white, color a deep azure blue.

HARDY CLIMBERS.

The following list of Climbers will be found valuable to all who wish shade for verandas, trellises, etc. They are perfectly hardy with slight protection, many not needing any at all.

Ampelopsis Englemanni. This is undoubtedly one of the hardest climbers grown. We have thoroughly tested it for several years alongside the A. Veitchi, A. Quinquifolia and other ironclad climbers, and find it stands our severe winters better than any of them. The foliage and habit of growth are somewhat similar to the well-known Virginia Creeper, though the leaves are longer and more pointed. Its chief point of difference, however, is its clinging nature, as it puts out numerous small tendrils or feet, which fasten it securely to the smoothest brick walls. It grows a dense mass of foliage and vine, affording the finest shade for arbors, verandas, trellises, etc., while for brick or stone walls or buildings, it is indescribably beautiful. The foliage is a bright, glossy green in summer, changing to a beautiful crimson at the approach of autumn. Strong plants 15c each, \$1.50 per dozen.

Akebia Quinata. A beautiful plant of rapid growth and handsome foliage, producing large clusters of plum colored flowers with a most delightful fragrance. 15c each; 2-year old plants, 35c each.

Aristolochia Siphon. Dutchman's Pipe. A very large heart-shaped leaves of a light green color, making a dense shade. The flowers are of a brownish color, resembling a pipe, hence its name. 15c each; 2-year old plants, 35c each.

Ampelopsis Veitchi. Boston Ivy. A beautiful climber of Japanese origin. The leaves are small, purplish green in summer, changing in autumn to the most beautiful tints of crimson and orange. The plant clings very closely to brick and stone walls, and is a very rapid grower, often attaining a height of 50 or 60 feet. 15c each; 2-year old plants, 35c.

HARDY SHRUBS.

WEIGELIAS. These are beautiful shrubs that bloom in June and July, the plants being smothered in the great profusion of bloom. 20c each or the set of 6 for \$1.00.

ABEL CARRIERRE. A distinct and valuable sort with bright rose colored blossoms.

AMABILIS. A beautiful variety with attractive pink blossoms.

CANDIDA. A strong growing new variety producing pure white flowers in great profusion.

KORT, VARIEGATED. A delightful kind with nicely variegated foliage and large rose colored blossoms.

NANA, VARIEGATED. A dwarf growing variety with clearly defined variegated foliage. Most admirably adapted for small lawns.

ROSEA. The old and popular sort, with pure rose colored blossoms.

WHITE FRINGE. The foliage is thick, leathery and very pleasing in appearance. The blooms resembling tassels of white fringe, are borne in great profusion and are very fragrant. 20c each.



Jackmanni.

Henryii.

Paniculata.

HARDY ORNAMENTAL FLOWERING SHRUBS.

No class of plants are of easier culture, require less care and attention, and dress up or decorate a lawn better than these. Once planted they remain forever, increasing the value and enhancing the beauty of every home, no matter how humble. The low price at which they are offered places them within the reach of all. No home is complete without its hardy shrubs for the lawn. The varieties we offer have all been thoroughly tested and are perfectly hardy in all localities.

Berberry Purple. Handsome violet-colored foliage. Yellow blossoms, which are succeeded by purplish fruit. A very showy and effective plant. 20c each.

Clethra Alnifolia. (Sweet Pepper Bush.) Produces showy spikes of creamy white, fragrant blossoms in August. 20c each.

Currant, Flowering. Old-time favorites that are still considered very desirable. They are covered in early summer with bright, showy flowers, which are succeeded by dark-colored, edible fruit.

RED FLOWERING AND YELLOW FLOWERING. 20c each.

DOUBLE CRIMSON. A new and distinct variety recently introduced from Europe. Large, double, crimson blossoms. 25c each.

Cranberry, High Bush. This is a remarkably showy plant, growing to a height of 5 to 7 feet, and producing showy white blossoms in early summer, which are followed by brilliant scarlet fruit in showy bunches that remain on the plant all winter. 20c each.

Deutzias. These are a most satisfactory and pleasing class of shrubs that are admirably adapted for culture on the lawn, either singly or grouped. 20c each.

CRENATA DOUBLE PINK. A fine variety, producing perfectly double, pure pink blossoms in racemes 4 to 5 inches long.

CRENATA DOUBLE WHITE. Identical with the above, except in blossom, which is a pure white.

GRACILIS. An old favorite dwarf variety with pure white flowers.

PRIDE OF ROCHESTER. A magnificent sort, with large double white blossoms, tinted rose.

WATERLIL. A new and distinct variety. Blossoms extra large, borne in large, loose racemes. White, tinged with rose.

Exochorda Grandiflora. A vigorous growing shrub, forming a neat, compact bush 10 to 12 feet high. The flowers, which are pure white, are borne in slender racemes of 8 to 10 florets each on light and wiry branches that bend beneath their load of bloom, just enough to be airy and graceful. 25c each.

Forsythia Suspensa. (Golden Bell.) Bright yellow flowers which appear in early spring before the leaves, and are borne in long sprays. The plant is of dwarf, weeping habit, making it very attractive. 20c each.

Honeysuckle Tartarian. Of upright or tree form, producing a great profusion of bloom in early summer. Two varieties, white and red. 20c each.

Hydrangea Paniculata Grandiflora. (See cut.) This is without doubt the grandest shrub ever introduced. It thrives in all sections of the country and comes into bloom in August, at a time when all other shrubs are through flowering. It produces large pyramidal shaped heads of blooms in the greatest profusion. These are pure white when they first open, gradually changing to pink, and remain on the bush until winter. 25c each.

Lilacs. We offer only choice named sorts, far superior to the common white and purple usually offered. 20c each, or the set of 7 for \$1.25.

BELLE DE NANCY. Light purple.

CHARLES X. Dark purplish red.

LEMOINEI. Double white flowers, borne in immense panicles.

MAD. CHATENAY. A new and desirable variety from France.

MARIE LE GRAY. A new white variety of great beauty.

PERSIAN. Small, bright purple.

GIANT TREE LILAC. (See cut.) A magnificent and beautiful tree from northern Japan. Blossoms in midsummer; immense clusters 16 to 24 inches long of pure white. Very rare and choice. 25c each.



Hydrangea Paniculata.



Giant Tree Lilac.

Privet, for Hedging. This is now considered the best plant for hedging. For large lawns, division fences, back yards, or anywhere that a quick-growing hedge is wanted, this will be found most desirable. It is nearly evergreen, retaining its foliage till late in winter. The foliage is never affected by blight, insects or disease, grows anywhere, and is perfectly hardy everywhere.

AMOUR RIVER. A new variety from northern China. \$10.00 per 100 by express or freight.

CALIFORNIA. Well known and popular. \$8.00 per 100 by express or freight.

VULGARIS. The common, well tried and well known sort. \$6.00 per 100 by express or freight.

Prunus Pissardi. (Purple Leaved Plum.) The young branches are dark purple, and the leaves when young are a lustrous crimson, changing to purple. Flowers are small, white and single. This shrub is very useful for planting with light or golden leaved plants, as its foliage shows finely by contrast. 20c each.

Purple Fringe. (Smoke Tree.) Has curious feathery-like bloom, which, when covered by dew resembles a cloud of smoke or mist. 20c each.

Sambucus Aurea. (Golden Elder.) This is a most beautiful shrub, with golden yellow foliage, producing a very fine effect when grouped with other shrubs, or as single specimen plants on the lawn. It produces clusters of pure white flowers, which are followed by the fruit similar in appearance to the common elder berry. 25c each.

Snowberry. A most beautiful little shrub, producing a profusion of pink flowers in early summer, and large, white, waxen berries in autumn. 20c each.

Spireas. No collection of flowering shrubs is complete without these. Their free blooming habit, their graceful flowers, and their long flowering period, extending over several weeks, all combine to render them most desirable. We offer a collection of the best named sorts. 20c each or the 6 for \$1.00.

BILLARDI. A very strong grower, blooming quite late in the season. Flowers clear, pink color.

CALLOSA ALBA. A dwarf-growing sort, producing pure white flowers in midsummer.

DOUGLASSI. A strong-growing, late-flowered variety, producing rose-colored blossoms.

AUREA. (Golden.) Most beautiful golden yellow foliage and pure white blossoms.

PRUNIFOLIA. (Bridal Wreath.) An early and prolific bloomer, producing an abundance of double, pure white flowers. These are borne on long, graceful stems, which are most beautiful. One of the best.

VAN HOUTTI. One of the grandest of all the spireas. Highly ornamental at all times, but when in flower it is a complete fountain of white bloom, the foliage scarcely showing at all.

Syringa. On account of their hardiness, their free-blooming habit, and their beautiful, fragrant flowers, these should be more extensively planted. 20c each, the set of 6 for \$1.00.

CORONARIUS NANUS. A dwarf-growing variety, which is covered with abundance of pure white blossoms the latter part of May.

FLORE PLENO. Another dwarf growing variety, with large, double, cream-colored flowers.

GOLDEN. A most beautiful sort, with pure golden foliage, making it attractive at all times, and most beautiful when covered with its pure white blossoms.

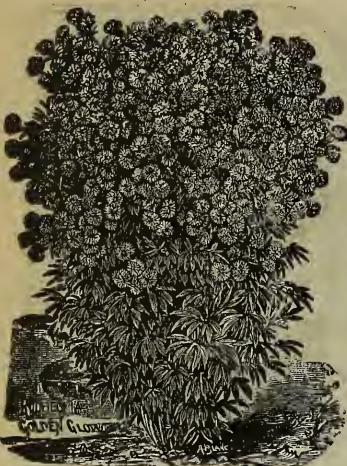
GRANDIFLORA. This is a very large growing variety, producing a great profusion of bloom in June and July.

LEMOINEI. A grand variety of recent introduction, showing a vast improvement over old sorts. Blossoms very large, pure white and exceedingly fragrant.

ZEHERI. Another new variety, said to possess unusual merit. A rampant grower and a most profuse bloomer. Most beautiful.

Viburnum Plicatum, or Japanese Snowball.

A magnificent variety, with mammoth double blossoms, larger than Double Paeonias. It is impossible to imagine anything more beautiful than one of these shrubs loaded with its great bunches of snow-white flowers. It is, indeed, a grand shrub, and without doubt a most valuable variety for this country, as it has proven to be as hardy as the Lilac. Few hardy shrubs grow with such rapidity, or blossom so young, as this magnificent Snowball. It remains in bloom a long time, and the appearance of a few of these Giant Snowballs grown in clumps, or when scattered throughout the yard, makes the grandest display imaginable. 25c each.



Rudbeckia, Golden Glow.



Paeonia Lord Wellington.

Helianthus.

Multiflorus Penus.
Double hardy Sunflower.
Perfectly hardy, producing large, double, Dahlia-like, golden yellow flowers in great profusion the entire summer and fall. 15c each.

Hollyhocks.

As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubbery they are invaluable. The flowers form



GIANT
3
GOLDEN
&
COREOPSIS

HARDY PERENNIALS.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require but very little care or attention, after once planting are always there, are perfectly hardy and yield a rich harvest of bloom on the lawn. We heartily recommend them to our customers, knowing they will be sure to please.

Aquilegia or Columbine.

In foliage, flowers and stems the Columbines have an air of classical elegance that gives them a high rank among Perennials. Some fine varieties have lately been added to the race.

CERULEA. A beautiful Rocky Mountain species, with broad flowers, often three inches in diameter; the outer sepals deep lilac or blue, petals white, while the deep blue spur is tipped green. A grand variety for the border or rockery. 20c each.

CHRYSANTHA. Grows two and a half feet high, forming a bush two to three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. 20c each.

Achillea, The Pearl. One of the very best white flowered plants for the border. The flowers are borne in the greatest profusion the entire summer, on strong, erect stems. Pure white in color, somewhat resembling Pompon Chrysanthemum. As a summer cut bloom it is a great acquisition. 15c each.

Anemone Japonica. One of the most showy of all our autumn blooming herbaceous plants. They commence to bloom in August and continue to increase in beauty until the end of autumn. They thrive best in light, rich, somewhat moist soil and should not be transplanted more than necessary to divide them when they become too thick. A covering of leaves, straw or strawy manure is sufficient for our most severe winters. 20c each.

Campanula. Bell Flowers. 15c each, the set of 4 for 50c. These are the most important of the hardy plants, combining a wide range of habit and color with perfect hardiness.

GLOMERATA. Erect growing species 18 in. high, dense clusters of white flowers.

LACTIFLORA. Purplish blue, large leaved, grows about 18 inches high.

PYRAMDALIS BLUE. Forms perfect pyramids of bloom 4 to 5 feet high, large blue blossoms.

Coreopsis Lanceolata or Giant Golden Coreopsis. (See cut.)

Begins to blossom in June and continues in flower until cut down by frost. The blossoms are of graceful form, a rich golden yellow color, and are very fine for cutting purposes. Is easily grown, perfectly hardy and succeeds in any position. 20c each.

Daisy. *Bellis Perennis.* The old and popular English daisy; large double white blossoms. 10c each, \$1.00 per dozen.

Delphinium. *Larkspur.* This is a bold and attractive group of hardy perennials, deserving general cultivation. Nothing can surpass their long, stout spikes of flowers in soft, pleasing colors, varying through almost every shade of blue, from the palest silvery tint to the deepest indigo, many possessing shades so finely blended as to resemble a bee. By removing the stems as soon as the flowers have fallen, second spikes will form, thus lengthening the flowering season. 25c each.

Digitalis. *Foxglove.* A handsome and highly ornamental hardy perennial plant of stately growth; has been used recently in large quantities in some of the public parks for planting in shrubberies and other half shady places. 15c each, or \$1.50 per dozen.

Delytra Spectabilis. *Bleeding Heart.* Adapted for out-door planting, doing splendidly in semi-shaded positions or for forcing for early Spring blooming. It bears long racemes of graceful heart-shaped pink flowers. 15c ea. \$1.50 per doz.

Funkia, Plantain Lily, Variegated White. The Funkia is a handsome, showy plant with beautiful, large, broad leaves. Flowers large, pure waxy white, borne in large trusses. Very fragrant. 15c each.

Gaillardia. These are among the showiest and most effective of hardy perennial plants. They commence to flower in June and continue one mass of bloom the entire season. The blossoms are from 2½ to 3½ inches in diameter, are produced on long stems and are excellent for cutting. The center is dark reddish brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion. 15c each.

perfect rosettes of the most lovely shades of crimson, yellow, pink, orange, white, etc. They require a deep, rich soil and will repay in quantity and beauty of bloom any extra care. We offer a fine assortment in separate colors. 15c each, 8 for \$1.00.

Hibiscus. *Crimson Eye.* A remarkably showy and handsome and foliage. The flowers are immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy. 15c each.

Hemerocallis. Day Lily. Ornamental hardy plants, having elegant foliage and handsome flowers. 15c each.

FLAVA. Producing large yellow fragrant flowers in July and August.

MIDDENDORFI. A very distinct and rare variety. The plant is dwarf, compact and bushy, blossoms large, bright yellow.

Iris Kaempferi. These magnificent Iris are among the most beautiful of our summer flowering plants, and are destined to become very popular. They must not be confounded with the small flowering Iris or Sweet Flag which grows wild in many sections of the country. Many of the flowers of the Japanese varieties are from 10 to 12 inches in diameter, and rival the orchid in their rich colorings and marking. They commence blooming about the middle of June, and produce a most gorgeous display of bloom for 5 or 6 weeks. While the Iris succeeds in almost any garden soil and under any conditions, they thrive best in a rich, deep, well manured, wet location, and should be abundantly watered during the blooming period.

GOLD BOUND. Tall and showy, with double flowers of enormous size, pure white with large, gold-banded center. One of the most beautiful. 25c each.

MOUNT HOOD. Double. Light blue, shaded darker, bright orange center. 25c each.

SHADOW. Single. Enormous wavy petals, dark indigo blue with peacock lustre and golden center. A grand variety. 25c each.

GIGANTEA. Single. Enormous flower with beautiful wavy petals. Blue, with purple red tinge and white veins. 50c each.

MRS. C. T. SAXTON. Pure white, of enormous size and extra double. The finest of all. 50c each.

SPOTTED BEAUTY. Large size, wavy, double, silky white, freely and finely spotted with violet crimson. 50c each.

The above collection of six choice named varieties for \$1.75 postpaid.

DOUBLE MIXED. Unnamed sorts. 20c each, \$2.00 per doz.

SINGLE MIXED. Unnamed sorts. 20c each, \$2.00 per doz.

Paeonias, Herbaceous. A very showy and most useful class of hardy plants. They are exceedingly hardy and will flourish in any section of the country, no matter how cold. They grow and flower well in almost any soil with very little care, but the flowers will be finer and colors brighter if given a deep, rich loam, well manured. Common varieties, colors white, red and pink. 25c each.

Mammoth Flowering Double English Paeonias.

We list below the choicest collection of Double Flowering Paeonias ever offered in this country. None can surpass this assortment for perfection of flower or freedom of bloom. The roots which we send out are extra strong, and cannot, with proper care, fail to bloom this season.

LADY LENORA BRAWELL. A most delicate pink variety, edged with silvery pink. Flowers extra large, freely produced, and highly perfumed. The plant is a strong thrifty grower.

ETHEL BROWNELL. The largest and most beautiful pure white Paeonia we have ever seen. Each flower looks like a great bunch of white cotton, and the entire plant, when in full bloom, presents a most magnificent appearance.

LORD WELLINGTON. (See cut.) Mammoth flowers of a rich, deep crimson shade. The blossoms are produced very freely, are perfectly double and exceedingly fragrant. 40c each or the set of 3 for \$1.00.

Hardy Perennial Phloxes. The Perennial Phloxes are among the most desirable of our hardy herbaceous plants and should be planted largely. They succeed in any position and can be used to advantage, either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. Our collection embraces 8 of the best new and old varieties. 25c each, or the set of 8 for \$1.60.

Rudbeckia, Golden Glow. (See cut.) A glorious plant and every garden. Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth, attaining a height of from four to six feet and begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow cactus dahlia; and as a cut flower for vases, etc., it has no equal. 20c each.

SELECT ROSES.

A Few Words About Our Roses. For many years our superintendent, who has made a life-long study of the rose, has been selecting and testing in different soils and under different conditions all of the varieties that have been offered by American and European growers, discarding those which were deemed unfit for general culture, and selecting and improving on varieties of real merit. The result of these years of care and study we give to our customers in the collections which we offer herewith, every one of which we recommend with confidence, knowing that they will thrive and give the best results if accorded proper care and attention.

Roses require a rich soil made up of rotted sod, loam and well-rotted cow manure. Cut the plants back closely after flowering. As the blooms are produced on the new growth, the development of new branches is most essential. Feed the plants on well-rotted cow manure, bone meal or a liquid fertilizer, thus inducing a vigorous growth, and prune freely and you will be amply repaid for the time and attention bestowed.

The indoor enemies to rose plants are Aphids, Red Spider and Mildew. Thorough syringing with tobacco water will destroy the Aphids, constant syringing with clear water will keep down Red Spider, and powdered sulphur sprinkled on the foliage will help to prevent and destroy Mildew. Keep plants out of cold draughts of air and you will in a great measure prevent Mildew.

Our plants are cold grown in pots, giving them firmness of texture and an abundance of strong fibrous roots to enable them to bear shipping and transplanting well. Many so-called rose growers ship out plants that are sickly, weak-rooted cuttings, taken from the propagating bench and never transplanted. Such stock is dear at any price.

HYBRID TEA ROSES. A valuable class of half-hardy roses, combining the flowering qualities of the Teas with the rich coloring and fragrance of the



Pres. Carnot.

Hybrid Perpetuals. 10c each, \$1.00 per dozen.

Belle Siebricht. This grand variety, introduced a few years since, is one of the best we have ever grown for summer blooming. The flowers are of large, full form, of a rich, deep pink color. It is a wonderfully free bloomer, and is quite hardy in some northern localities. We believe it possesses unusual merit as a variety for amateur cultivation, and heartily recommend it to our customers who wish a variety combining so many good qualities.

Christine De Noe. A constant and very free bloomer. Blossoms large and handsome; buds long and finely pointed; color clear, rich maroon, or deep purplish red. Very fragrant.

Duchess of Albany. Rich, deep pink. An improvement on the well known Lafrance.

Kaiserin Augusta Victoria. Long, pointed buds, blossoms large, full, double and fragrant. Color delicate, creamy white. It is hardy in many sections of the North, standing in the open ground with slight protection without injury.

Lafrance. Large, well-expanded blooms of a light pink color. Very fragrant.

Striped Lafrance. Identical with the above except in color, which is bright, satiny pink, distinctly striped with bright rose.

Meteor. One of the most brilliant roses ever introduced. Succeeds admirably when planted on the lawn for summer blooming, and is equally good for pot culture in the house. The color is a rich, velvety crimson.

Mrs. De Graw. Bright, rich pink. A free and continuous bloomer.

Pres. Carnot. (See cut.) Long, pointed buds; blossoms of a delicate, rosy blush, shaded a trifle deeper in the center. Delicious fragrance, strong grower and free bloomer. One of the most meritorious of recent introductions and bound to become very popular.

Queen of Scarlets. Rich, velvety scarlet, very brilliant and striking. A constant and profuse bloomer. We consider this the best scarlet bedding rose in existence.

White Lafrance. Pure white, very large, full, and finely formed. A free and continuous bloomer. Very fragrant.

POLYANTHA ROSES. Beautiful, free-flowering miniature roses, admirably adapted to pot culture and for planting in the open ground. The flowers are quite small and borne in clusters, each cluster making a bouquet in itself. They are quite hardy and have been known to stand our severe Northern winters with slight protection. 10c each, \$1.00 per dozen.

Cecil Bruner. Rosy pink on rich, creamy white ground. A very profuse bloomer. Flowers larger than most others of its class.

Little White Pet. Pure, creamy white, sometimes delicately tinged with salmon rose. Flowers very full and double.

Climbing White Pet. Identical with the above, excepting its habit of growth, it being a strong, vigorous climber.

Mignonette. Clear pink, tinged with pale rose. A profuse bloomer. Blossoms full and double.

Clothilde Soupert. (See cut.) This is one of the grandest roses ever introduced, either for pot culture or bedding. It is a strong, dwarf grower, and the most wonderful bloomer ever known, being continuously in flower the entire year. The blossoms are large, round, flat, perfectly full and double, and deliciously fragrant. The color is pure white, shading to silvery rose in the center.

Pink Soupert. A worthy companion to the White and White Soupert, but of a deep, rich, pink color.

Yellow Soupert. (Mosella.) Combines the form and size of the Tea Roses with the free-flowering, branching habit of the Polyanthas; is quite hardy and may be left in open ground with slight protection during the winter. Blooms very freely the entire season. Color light yellow, shading to white at edge of petals. The Three Souperis for 25c, postpaid.



Lord Penzance. Sweet Briar.

A CHOICE BED OF EVER-BLOOMING ROSES FOR

50c. Selected from varieties described on this page. These we consider the very best of the list. They are all free bloomers, thrive well in any situation, and give a variety of colors unsurpassed for richness and brilliancy.

BELLE SIEBRICHT. Pink.

KAISERIN AUGUSTA VICTORIA. Creamy white.

METEOR. Velvety crimson.

PRES. CARNOT. Rosy blush, shaded darker in center.

CLOTHILDE SOUPERT. White, tinged pink.

YELLOW SOUPERT. Yellow.

LORD PENZANCE HYBRID SWEET BRIARS.

These varieties, but recently introduced, are hybrids between the Sweet Briar and various old-fashioned garden roses. The foliage is sweet-scented like the common Sweet Briar. The blossoms are borne in wonderful profusion. The plants are of very vigorous growth and perfectly hardy. The flowers are followed by dark red seed pods, rendering the plants very attractive at all times. Their beauty is best displayed by being planted singly on the lawn. Each plant should have a stake 4 or 5 feet high to which 2 or 3 of the principal shoots should be tied to prevent the plant from being blown over, but the branches look best if allowed to hang naturally and gracefully.

They should never be pruned, like other roses, as they will produce but few or no blossoms if they are.

AMY ROBSART. Rose.

ANNE OF GIERSTEIN. Crimson.

BRENDA. Blush White

LADY PENZANCE. Copper.

LORD PENZANCE. Fawn. **ROSE BRADWARDINE.** Pink.

We offer strong 2-year-old plants only at 35c each, postpaid, or \$3.00 per dozen, by express.

The Hardy "Memorial Rose."

(Rosa Wichuriana-na.) A trailing species from Japan, of very rapid growth, creeping on the ground almost as closely as an ivy. The foliage is a deep, rich, glossy green, shining as if varnished; almost evergreen, as it remains so until midwinter. The blossoms are produced in great profusion during July and sparingly the rest of the season. They are large, single, pure white, while the sepals form a large, yellow disc in the center. 15c each, 2-year-old plants 40c each.

Hybrid Wichuriana

Roses. These possess the same characteristics of growth and hardness as the

Memorial Rose above described, with the additional advantage of producing double flowers. 15c each.

strong 1-year plants 50c each.

FAVORITE. Double rose-colored blossoms; 2 inches in diameter and very fragrant.

PERFECTION. Double blossoms 1½ inches in diameter. Color soft, blush pink, at the tips changing to white.

ROAMER. The blossoms are large, single, of a bright pink color, with almost a white center.



Clothilde

Soupert.



Minnesota Collection of Hardy Hybrid Perpetual Roses.

6 CHOICE HARDY ROSES FOR 50¢, POSTPAID.

After thorough trial these have proven perfectly hardy in our latitude, withstanding our severe winters with slight protection, without injury. Of all the collections we have ever sent out we have never offered one with greater confidence than we do this one, knowing it will please and give perfect satisfaction.

PRINCE CAMILLE DE ROHAN. Dark velvety crimson.
FRANCOIS LEVET. Soft china pink, shaded carmine and blush.

MARGARET DICKSON. White, with pale flesh center.
PAUL NEYRON. Deep, clear rose color.
MAGNA CHARTA. Rosy red, flushed violet crimson.

LADY HELEN STEWART. Bright crimson scarlet.

In comparing our prices with others, please bear in mind that our roses are all strong, well rooted, young plants grown by the cold system. Many so-called rose growers, who advertise cheap plants, send out small, weak-rooted cuttings, grown in sand, that are dear at any price.

HYBRID PERPETUALS—General List.

To this class belongs the hardy outdoor everblooming varieties. While nearly or quite all of them are hardy throughout the North without protection, still we earnestly advise our patrons to give them a slight protection during the winter. The increased vigor of growth and consequent increased bloom will amply repay the labor of protecting them.

Price, except where noted, young plants 10c each, \$1.00 per dozen postpaid; strong two-year old dormant plants at 35c each, postpaid, or \$3.00 per dozen by express at customer's expense.

AMERICAN BEAUTY. Large, rich rose crimson.
ANNA DE DEISBACH. Brilliant rose color, with long, pointed buds.
BARON DE MAYNARD. White, slightly tinged blush.
BLACK PRINCE. Very dark red.
CAPRICE. Pink, striped and dashed with white and carmine.
CLIMBING VICTOR VERDIER. Brilliant rosy carmine edged with purple, very large, full and fragrant.
COQUETTE DES ALPS. Large, full flowers of pure white, sometimes slightly tinged with pale blush.
DUKE OF TECK. Bright crimson scarlet.
DINSMORE. Rich crimson, highly perfumed.
FISHER HOLMES. Dark, rich crimson, large, full flowers.
FRANCOIS LEVET. Soft china pink delicately shaded carmine and blush, large and fragrant. A free bloomer.
GEN. JACQUEMINOT. A rich, velvety crimson, changing to scarlet crimson. The best known of all the H. P's.
GIANT OF BATTLES. Brilliant crimson, very large and fragrant.
JULES MARGOTTIN. Bright cherry red, large, well formed fragrant flowers.
JOHN HOPPER. Flowers large, regular and full color, brilliant rose, changing to a bright glowing pink.
LOUIS ODIER. Bright carmine rose, large, full flower.
LA REINE. Clear, bright rose, large, full form, fragrant and hardy.

MAGNA CHARTA. Clear, rosy red, flushed with violet crimson. Flowers extra large, full and very double.
MRS. JOHN LAING. Clear, bright pink, exquisitely shaded. The buds are long and pointed, the flowers extra large.
MAD. PLANTIER. Very large, double, pure white flowers.
MARSHALL P. WILDER. Flowers large, full and of good substance. Color bright, scarlet crimson, shaded with maroon.
MAD. ALF. DE ROUEMONT. Pure snow-white flowers, finely tinged and clouded with pale rosy blush, large, full and double.
MAD. CHAS. WOOD. Fiery scarlet, full and fragrant.
MRS. CLEVELAND. Clear, bright pink, flowers of immense size, double and full.
PIERRE NOTTING. Very dark, blackish red, richly shaded with fine violet crimson. Flowers extra large, full and very fragrant.
PAUL NEYRON. Flowers of largest size, sweet scented, full and double, color bright, shining pink, clear and beautiful.
PRINCE CAMILLE DE ROHAN. A grand rose in every particular, and one that should be in every collection. Dark, velvety crimson, changing to intense maroon. Blooms of fine form and large size.
ULRICH BRUNER. Flowers extra large, full and globular, color rich glowing crimson, elegantly flamed with scarlet.
VICTOR VERDIER. Rosy carmine, large and showy.

AMERICA'S

HARDEST ROSE
"U.S. GRANT."

Any 25 roses listed on this page for \$2.00, postpaid, including one U. S. Grant.

Almost as Hardy as an Oak. Will Thrive in any Section of the United States. Blossoms Freely the Entire Summer.

This is the famous rose we introduced as "Unknown Beauty" and which we allowed our patrons to name by votes. Thousands and thousands of votes were sent in from all parts of America, and among them General Grant proved to be the favorite. It is truly an ever-blooming hardy rose, and can be grown successfully by any one. The flowers are of an enormous size, cup-shaped, full and deep, the petals thick, heavy and of a peculiarly rich velvety red color. It is a magnificent rose, either in bud or as an open flower, and its deep color makes it especially desirable for cutting. It is one of the very few varieties which will succeed in all parts of the United States, doing equally as well in the East as it will in the far West, while its hardiness and healthy habit enables it to withstand both the severe winters of our Northern states and the burning sun of the far South. Remember, we do not recommend this rose for house culture at all, but for the open garden we have never seen one that could surpass it in hardiness, habit of growth or beauty of coloring.

You cannot procure **U. S. Grant** except from us, as we control the entire stock. 25c each; 2-year old plants 60c each.

EVERBLOOMING TEA ROSES.

These are especially nice for planting in beds on the lawn, producing an abundance of bloom the entire season. They are also equally good as pot plants for winter culture in the house. 10c each, \$1.00 per dozen, except where noted.

Beauty Inconstant. This is one of the most wonderful plants ever introduced in the floral world. The plant is strong and vigorous, flowers full double and fragrant. A single plant produces a great variety of colors, ranging from crimson to light pink, through the various shades of red, orange, yellow, rose, pale pink and salmon. 20c each.

Bon Silene. An old favorite, still considered one of the best. Color, deep rose, shaded carmine.

Bride. Large, creamy white, changing to pure white. A healthy grower and a profuse and continuous bloomer.

Bridesmaid. The most popular pink tea in cultivation. The plant very vigorous.

Lady Dorothea. Another year's trial of this beautiful rose places it in the foremost rank of choice varieties. The plant is strong and vigorous, the flowers are borne profusely, stems long and stiff, the blossoms of an exquisite apricot color, shaded pink. A distinct and decided novelty in the rose family. 20c each.

Marion Dingee. Deep crimson. A fine plant and a beautiful blossom.

Mad. Cusin. Bright purplish crimson, base of inside petals sometimes streaked with white.

Mad. Watteville. (Tulip Rose.) Creamy yellow richly colored with rosy blush. Petals large and bordered with bright crimson.

Mad. Cochet. Creamy rose with crimson center.

Marie Guillot. Pure snowy white, sometimes faintly tinged yellow.



Princess Bonnie.

flowers are large, full and fragrant, borne very profusely throughout the season. Plant very vigorous. Color bright pink.

Coquette Des Lyons. Clear canary yellow, very fragrant; a free bloomer.

Climbing Niphetos. This is identical with the old well known Niphetos, except that it is a vigorous climber. The buds are long, delicately pointed, of a pure snowy white. Blossoms large and double.

Duchess de Brabant. Rosy pink, edged silver.

Etoile de Lyon. A rich golden yellow. A strong, healthy grower.

Golden Gate. Creamy white, tinged yellow and rose. A very profuse bloomer.

Hermosa. Another old favorite. Color clear bright pink. Fine for bedding.



Lady Dorothea.

Papa Gontier. Dark crimson red, with long, pointed buds.

Princess Bonnie. Deep, vivid crimson. A very profuse bloomer, succeeding equally well as a pot plant or for outdoor blooming. Claimed by the introducers to be perfectly hardy outside. 15c each.

Rainbow. Another wonder of the rose family. The blossoms, which are of good size and produced very freely, are beautifully striped pink and crimson. Add to this beauty an amber colored center, and you have a very strikingly beautiful flower. 15c each.

Souv. de Claireux. Bright pinkish rose. Blossoms large, full and double and remain on the bush a long time.

The Queen. Large, pure white, very fragrant. A very profuse bloomer.

MAY'S GARDEN COLLECTION OF TEA ROSES.

10 choice plants for 75c, postpaid.

We have selected these varieties for this collection on account of their free flowering habit, their vigorous growth and their general adaptability for bedding purposes.

BRIDESMAID. Pink.

HERMOSA. Pink.

PRINCESS BONNIE. Crimson.

COQUETTE DES LYON. Yellow.

ETOILE DE LYON. Yellow.

GOLDEN GATE. White.

MARION DINGEE. Crimson.

BRIDE. White.

MAD. COCHET. Creamy rose.

BON SILENE. Rose.

Beauty Inconstant and Lady Dorothea with above collection, all for \$1.00.

WINDOW GARDEN COLLECTION OF CHOICE TEA ROSES.

6 choice plants, including Lady Dorothea, for 50c postpaid.

These are especially selected on account of their adaptability to pot culture, and are the best of our list for that purpose.

LADY DOROTHEA. Apricot.

MAD. WATTEVILLE. Tulip Rose.

SOUV. DE CLAIREUX. Rose.

THE QUEEN. White.

PAPA GONTIER. Red.

ETOILE DE LYON. Golden yellow.

Beauty Inconstant and Rainbow with above collection, all for 75c.

MOSS ROSES.

The beauty of this class of roses is beyond compare. Many so-called mosses are offered each year, but very few genuine mosses are sent out. Owing to the difficulty in propagating them, they are bound to be scarce. We have selected two varieties which we have tested for several years and which we can thoroughly recommend to our customers.

Princess May. Princess May is the most free flowering white moss we have ever seen, and its healthy habit of growth and large flowers are certain to make it a favorite wherever known. The buds are elegantly mossed and the flowers when fully open are perfectly double. It is exceedingly fragrant and a rose no lover of mosses should fail to secure. Strong young plants. 35c each, two year old plants 60c.

Ashbourne Prize. This is without doubt the most beautiful deep red variety that has ever been produced. The flowers are a rich, deep velvety red, extra large and highly perfumed.

"PRINCESS MAY"

The plant is a strong, thrifty grower and produces its blossoms in the greatest abundance the entire season. It may truly be called an "everblooming" moss rose. Both this variety and Princess May are perfectly hardy. Strong, thrifty plants. 35c each, two year old plants 60c.

"ASHBOURNE PRIZE"



A PAGE OF CHOICE HARDY CLIMBING ROSES.



Empress of China.

Empress of China. A new and valuable variety of Chinese origin. It is very hardy, very free flowering, and the nearest approach to a perpetual blooming climber yet introduced. The blossoms are of good size, perfectly double, of a soft red color changing to light pink when fully expanded. 10c each; 2-year old plants 40c.

White Rover. Here we have a white hardy climber that for vigor of plant, freedom of bloom, and size and fragrance of flower is unsurpassed. The plant is strong and vigorous, making a growth of 6 to 10 feet each season. The blossoms are large, creamy white and produced in great profusion for several weeks. As a porch or veranda plant it is unexcelled, its large, showy clusters of bloom contrasting nicely with the deep green of the foliage. 10c each; 2-year old plants 40c.

Caroline Goodrich or Running Gen. Jacqueminot. This is a Hardy Climbing Hybrid Tea, producing lovely large crimson blossoms, identical in shape, size and color with the old favorite Gen. Jack. It is a valuable addition to our list of hardy climbing roses. The plant is very vigorous, making a growth of 12 to 15 feet per season. 10c each.

Baltimore Belle. Pale blush, nearly white; very double. Blossoms in large clusters, the whole bush appearing a perfect mass of bloom. 10c each; 2-year plants 35c.

Queen of Prairie. Bright, rosy red, large, compact, globular flower, produced in clusters. 10c each; 2-year plants 35c.

Pink Roamer. The single flowers, which are produced in close heads, are nearly two inches in diameter, bright, rich pink with almost a white center, which lightens up the orange-red stamens, producing an effect, when combined with fragrance, which makes it one of the most valuable roses in cultivation. 15c each.

Seven Sisters. A splendid rose blooming in clusters; crimson, changing all shades to white. 10c each; 2-year plants 35c.

Tennessee Belle. A robust, vigorous climber and free bloomer. Color bright rose. 10c each.

Carmine Pillar. A magnificent porch or pillar rose, with large single flowers 4 to 5 inches in circumference, of a bright rosy carmine color. These are produced in great profusion and are most beautiful. The editor of *Gardening* says of it: "Paul's Carmine Pillar Rose is in bloom, and what a beauty it is! Saucer-shaped single roses, fully three inches in diameter, of the color that gave it its name, dot the bush from the ground up to its tips, some eight or more feet high. A matured plant must be a sight worth going miles to see. This rose is undoubtedly hardy in most sections of our country, and in all sections under protection, and should be as universally grown as a Crimson Rambler." We offer the true stock. Strong, young plants, 20c each.

Pink Rambler. (Euphrosyne.) Originated by the same gentleman who produced White Rambler. Mr. Peter Lambert, and is of the same blood. What is said of White Rambler applies equally to this, except the color of the flowers is pure, shiny rose—the partially-opened buds being bright, light carmine, thus producing a strong and pleasing contrast. "The numerous yellow stamens lend an additional charm to the flower. In hardiness, freedom of bloom, form and color of flower, and vigorous climbing habit, this variety is fully the equal of the Crimson Rambler." Price, 10 cents each; 2-year plants 35c each.

Crimson Rambler. This is certainly the most wonderful climbing rose ever introduced and each year's experience with it only strengthens our confidence in it. It is absolutely hardy in all localities, a most vigorous grower, a most prolific bloomer, fine for growing on trellises, unexcelled for covering porches, walls, etc., admirable for pot culture for Easter forcing, at all times when in bloom, producing a gorgeous mass of crimson blossoms which remain on the plant a long time. The plant often grows from 12 to 15 feet in a single season, commences to blossom in June, continuing throughout the season. The flowers are deep crimson, borne in immense clusters which remain on the plant a long time. We have heard of several plants producing from 12,000 to 15,000 blossoms in a single season. As a pot plant for florist's use for Easter blooming it is particularly valuable, as by careful training the plant forms a perfect ball, covered by immense trusses of bloom, which retain their color for weeks. But it is for the amateur for outdoor cultivation that it is especially desirable and those who have never grown it should not fail to secure it at once. If you have room in your yard for only one rose, that one should be a Crimson Rambler. Strong young plants 10c each; strong 2-year old plants 35c each, postpaid, or \$3.00 per dozen by express.

Yellow Rambler. This is a fit companion for so beautiful and valuable a rose as the Crimson Rambler. It is perfectly hardy, more vigorous in growth, if possible, than the Crimson, a profuse bloomer and succeeds well in any and all localities. The flowers are pure yellow, double, of good size, fragrant and borne in immense clusters like the Crimson, and last a long time without fading. This is the first and only double yellow hardy climbing rose ever introduced, and on this account is considered particularly valuable by rose growers. Strong young plants 10c each; strong 2-year old plants 35c each or \$3.00 per dozen by express.



Crimson Rambler.

White Rambler. Another valuable addition to the class of hardy climbing roses. The plant is strong and vigorous, perfectly hardy, a most prolific bloomer, and succeeds well as a pot plant for early blooming indoors. The blossoms are very double, pure white, borne in clusters and remain on the plant a long time. In fact it closely resembles Crimson Rambler in every particular save color. Strong young plants 10c each; strong 2-year old plants 35c each; \$3.00 per dozen by express.

The Three Ramblers above described form a worthy triumvirate fit to adorn the palace of a king or to beautify the humble cottage of the poor. Nothing can surpass them in beauty, the three colors contrasting beautifully and forming a perfect bower of loveliness. We offer 1 plant of each of the three varieties for 30c postpaid, or 1 dozen, four of each, for \$1.00; 3 strong 2-year old plants, 1 of each, for \$1.00 postpaid.



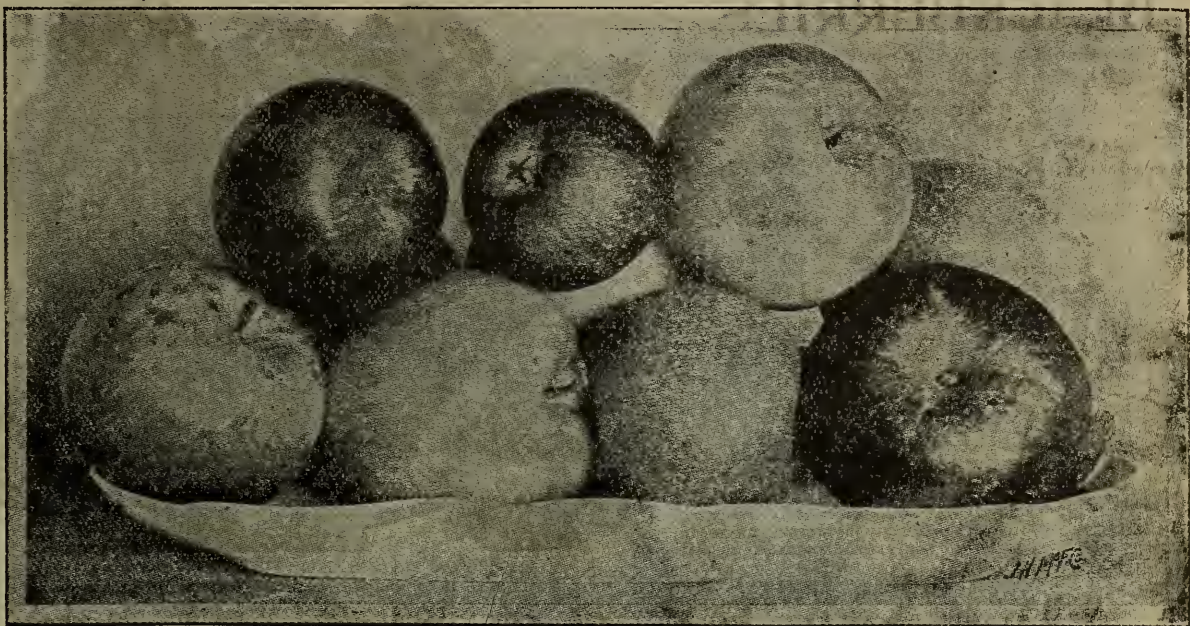
White Rover.

A GRAND COLLECTION OF CLIMBING ROSES.

- | | |
|---------------------------|------------------------------|
| 1 EMPRESS OF CHINA. Pink. | These 3 for 30c. |
| 1 CRIMSON RAMBLER. Red. | |
| 1 WHITE ROVER. White. | Four collections for \$1.00. |

Our Fruit Department.

At our nurseries at Mayfield Farm we grow and have thoroughly tested all varieties which we have listed herewith and offer them in all confidence to our customers knowing that they cannot fail to produce the best results if given proper care and attention. All varieties of fruit will not thrive in our latitude, peaches and pears being a notable exception. But we are confident that all varieties that do stand our rigorous winters without injury will thrive equally well in every part of our country. Our soil and climate are especially adapted to growing hardy fruits, giving them that toughness of fibre and vitality of root to withstand with equal vigor the blazing sun of the south, the dry scorching winds of the prairie and the severe freezing of the North. The varieties we offer have proven hardy and prolific with us and are recommended with all confidence to our customers.



All trees, vines and bushes offered herein are one year old plants, well rooted, cut back to a suitable size for mailing, and sent postage prepaid by us at price quoted unless otherwise noted. When sent by freight or express customers pay charges. All goods are guaranteed to reach destination in good condition. If they do not, or mistakes are made and we are notified promptly on arrival, we will rectify all errors made by us. After delivery at destination in good condition our responsibility ceases. We would specially recommend the different collections which we offer, as they contain exceptional values.

Zero Collection of Choice Apples. All perfectly hardy; early and prolific bearers; trees of clean vigorous growth and fine form, producing choice fruit ripening from early summer till late winter.

These 6 hardy ironclad trees for \$1.25 postpaid.

Duchess of Oldenburg. After many years trial in the Northwest this is acknowledged to be the best late summer or early autumn apple ever introduced. It is of medium to large size, round, streaked red and yellow; tender, juicy and pleasant. Bears shipping well and is unsurpassed for kitchen use. The tree is very vigorous, a fine grower and a young and abundant bearer. Of Russian origin and perfectly hardy. 25c each.

Gideon. Originated near Lake Minnetonka, this state, about 15 years ago and after many years trial is considered one of the very best winter sorts. The tree is a vigorous upright grower, which comes into bearing quite early and is a sure and constant producer. The fruit is medium to large, round, yellow, with a red blush on the sunny side; fine juicy, sub-acid flavor, keeps till well towards spring. 25c each.

Peerless. Originated in Rice county, Minnesota, by J. G. Miller; a seedling of either Duchess or Wealthy. After many years trial it has proven perfectly hardy and is a most valuable addition to our hardy ironclad apples. The fruit is large, round, well colored and first class for either cooking or eating. The tree is a good grower with a heavy, dark green foliage and comes into bearing early. 30c each.

Wolf River. A new and beautiful variety which originated near Wolf River, Wisconsin. The tree is a strong grower, perfectly hardy and an early and abundant bearer. The fruit is of the largest size, greenish yellow, heavily shaded with crimson. Flesh white, tender, juicy, with a pleasant, mild, sub-acid flavor. Keeps till February. 25c each.

Peter. Another Minnesota variety which originated with Peter Gideon, the pioneer in apple culture in this state. The tree is stout, erect, symmetrical, healthy, vigorous grower and very productive. The fruit is large, red, sub-acid and a very long keeper. A choice late winter variety. 30c each.

Yellow Transparent. A hardy, extra early Russian variety of undoubted merit. The tree is a vigorous, straight, symmetrical grower, which comes into bearing early and is very productive. The fruit is of medium size, round, pale yellow, when fully matured one of the most beautiful fruits we have ever seen. The flesh is tender, juicy, sub-acid and much esteemed as a dessert variety. 25c each.

GENERAL LIST.

20c each, \$2.00 per dozen, unless otherwise noted.

August. Of Minnesota origin. Wonderfully hardy. Fruit of medium size, light yellow, heavily streaked with bright red, ripens middle of August. Quality unsurpassed.

Florence. Of Minnesota origin. Very hardy. Early and an unusually heavy bearer. A spreading grower and highly ornamental. Ripens a little later than August; color about the same.

Hibernal. Russian. Large, showy fruit, striped red and handsomely colored, sub-acid, good for cooking and eating. December.

Lou. A seedling of the Duchess. An upright grower and a most profuse bearer, color greenish yellow, striped with red. Quality very fine, ripens early, one of the best.

Longfield. Russian. Fruit medium to large, yellowish green with red stripes, and a decided blush on the sunny side. Rich, sub-acid flavor. December to March.

McMahon's White. Wisconsin origin. Fruit large, nearly white. Very productive. December.

N. W. Greening. Wisconsin origin. Pale green, sometimes slightly tinted red. Sub-acid and of excellent quality. March and April.

October. A chance seedling from crab seed. Fruit very large, color red, fine for cooking or eating, with a clear acid flavor. Late fall variety.

Scott's Winter. Vermont Seedling. Medium size, bright red, crisp, spicy and a brisk acidity. A long keeper.

Wealthy. Originated at Lake Minnetonka. One of the best trees for general planting we know of. As hardy as an oak, withstanding all conditions of climate, soil, etc., with great vigor. The tree is a fine upright grower which comes into bearing early and produces immense crops of fruit. Fruit large, dark crimson, flesh crisp, sub-acid, white tinged red, of unsurpassed quality. December.

Antonovoka. Of Russian origin. Tree perfectly hardy, a true ironclad. Fruit large, slightly oblong; when fully ripe of a light golden color. In season February and March.

Patten's Greening. A seedling of the Duchess, originating in northern Iowa. Tree very hardy and productive. Fruit full medium, olive green with some dull red stripes and splashes. Flavor pleasant, sprightly, sub-acid. A superior cooking fruit. December to February.

CRAB APPLES. Valuable on account of their immense crops of acid fruit which is very fine for jelly, preserves, etc. Perfectly hardy everywhere. 20c each, \$2.00 per dozen.

Gen. Grant. Fruit of largest size, bright red, acid, making the finest jelly.

Hyslop. Large deep crimson, one of the most beautiful. October to January.

Martha. Beautiful glossy yellow, shaded bright red. Mild, clear tart flavor. October.

Transcendent. Immensely productive, bright red, one of the best and most popular. October.

Whitney. Extra large, glossy green, splashed with carmine, firm, juicy and pleasant. August.

Hewes Virginia. Fruit rather small, round, dull red and dotted with white; acid and somewhat astringent. Highly esteemed for cider. October.

Quaker Beauty. A hardy, strong growing sort, which bears large crops of fine fruit, considered by large growers one of the best. December to May.

Large Red Siberian. About an inch in diameter, grown in clusters. Color yellow, with bright scarlet cheek, bears when young and abundantly afterwards. August and September.

Large Yellow Siberian. Similar to the Red Siberian except in color, which is a pure bright orange yellow. A very prolific bearer.

Van Wyck Sweet. Fruit very large; skin yellowish white, colored light red, and covered with bloom; flesh yellowish white; very sweet and tender; small core. October and November.

IRONCLAD APPLE ORCHARD.

For large planters and others who wish a constant supply of fruit from early summer till late winter, the following collection will be found especially valuable. At prices quoted we ship by express or freight at customer's expense.

10 Duchess of Oldenburg.	5 Gideon.
5 Yellow Transparent.	10 August.
15 Longfield.	10 October.
25 Wealthy.	5 N. W. Greening.
10 Peter.	5 McMahon's White.

100 trees for \$15.00; one-half collection for \$8.00; 2 collections for \$28.00.

BLACKBERRIES.

These should be planted in rows 6 to 7 feet apart, and 3 to 5 feet in the rows. Keep the ground light and rich. Pinch the canes back when they have reached 4 feet in height. Price, unless otherwise noted, 15c each; \$1.50 per doz., postpaid; \$5.00 per 100 by express.

Ancient Briton. A perfectly hardy variety, one of the best grown. Plant very vigorous and healthy. Bears immense crops of medium size fruit of the most luscious flavor, that bear shipping well and bring the highest market price. We do not claim this berry to be the largest or the earliest grown, but we do consider it the hardest, best flavored, best shipper and the best all-round blackberry for general culture in all sections ever introduced. It stands our cold winters perfectly without protection, never freezing back the least. This feature alone should recommend it highly to all large planters in the North. 15c each, \$1.50 per doz., \$5.00 per 100 by express.

Early Harvest. The earliest ripening variety grown. An enormous bearer and a good shipper. Fruit medium size and of fine quality. Requires winter protection in the North. 15c each, \$1.50 per doz.

Eldorado. A very vigorous-growing, perfectly hardy variety, enduring our severe winters without injury. Fruit very large, borne in clusters which ripen very evenly, quality unsurpassed and an excellent shipper.

Erie. A vigorous, hardy variety, succeeding well everywhere. Foliage clean, healthy and free from rust. Fruit large, nearly round and of fine quality. A good second early variety.

Iceberg. This is the most wonderful fruit novelty of the century. A white blackberry seems a contradiction on its face, and a few years since was considered an impossibility, but thanks to the indefatigable industry of the hybridist through ceaseless years of experimenting, it is now a reality. A most magnificent, large white berry, of delicious flavor. The bushes are strong and thrifty, and bear abundantly very early in the season. The fruit, although extra large and melting, is very firm and wonderfully sweet. It is without exception the grandest novelty in berries ever introduced. Strong, healthy plants, 25c each, \$2.50 per doz.

Minnewaski. One of the largest, hardest, and most productive. Fruit glossy black, tender, juicy and sweet, with a fine aromatic flavor. Ripens early.

Ohmer. A strong grower, hardy and productive. A late ripening variety, fruit large and of fine flavor.

Snyder. Extremely hardy, enormously productive, finest flavor, ripening early.

Stone's Hardy. Originated in Wisconsin, and is very hardy, sweet and productive, weighing down its strong canes with immense crops of delicious fruit. One of the very best for cold climates.

Taylor. Very hardy and productive. Berries large and of fine flavor, canes of strong growth and ironclad hardness, season medium.

Wachusett. A very hardy, vigorous variety, very free from thorns, producing fruit of medium size, oblong-oval, sweet and good. It is a long keeper and a good shipper.

Lucretia Dewberry. One of the low-growing, trailing blackberries, the fruit in size and quality equaling any of the tall-growing sorts. The plant is perfectly hardy and remarkably productive, with large, showy flowers. The fruit



Ancient Briton.

is from 1 to 1½ inches long by 1 inch in diameter, soft, sweet and luscious throughout, ripening very early, before raspberries are gone. Plants should be well mulched with straw to keep the fruit from the ground.

The Everbearing Tree Blackberry. No one who has a garden can afford to be without it. Unlike others it requires no stakes, and is by far the most productive, hardest, finest flavored and handsomest blackberry we have ever grown. It grows in upright tree form to a height of six or seven feet, and produces its large, delicious berries in the greatest abundance for several weeks during the summer. No person who has a few feet in his yard to spare can afford to be without this splendid fruit. It is ornamental as well as useful, and its habit of growth, hardness and enormous yield make it a most desirable variety. A few of these trees will keep a family supplied with delicious berries the entire season. The immense sale of this grand fruit has compelled us to grow an enormous stock the past season, and this also enables us to offer them at a low price, so that they are now within the reach of all our friends. Our stock is extra strong, and will generally fruit heavily the first year, and is always certain to bear abundantly of its mammoth, delicious berries the second season. Don't fail to order the Everbearing Tree Blackberry. 20c each, \$2.00 per dozen.

Japan Golden Mayberry. The earliest fruit known, ripening in advance of the strawberry. A most novel fruit, forming a shrub-like bush six to eight feet high, producing all along its branches large, white blossoms, which are soon followed by large, sweet, glossy, golden, semi-transparent berries. The bushes do not die down after bearing, like the canes of the raspberry and blackberry, but continue to bear fruit for many years, like the Currant and Gooseberry. Produced by Luther Burbank, of California, and is supposed to be a hybrid of a Japanese species of Raspberry (*Rubus palmatis*) and the Cuthbert. The original stock, consisting of six large plants and forty-eight small ones, was sold for \$800.00. Fine plants. 15c each, \$1.50 per doz.

Rathbun Blackberry. New varieties appear so rapidly, and are usually such a slight improvement on the standard sorts, that caution is necessary, but after a trial of this we are so impressed by its great value that we unhesitatingly recommend it. The plant is very vigorous, branching naturally, producing an abundance of fruiting canes, and an abundance of large, luscious fruit. The fruit is very large and handsome, intense black, with a very high polish, and without any hard core, juicy and high flavored. 25c each, \$2.50 per doz.

The Juneberry. This rapid-growing fruit has become exceedingly popular in the past two years. The fruit, which is of a deep purplish shade, is of the most delicious flavor. In addition to its value as a fruit, it makes one of the handsomest flowering shrubs we have ever seen. The beautiful, snowy-white blossoms are produced in the greatest profusion during the early spring months, covering the plant from top to bottom in a robe of pure white. Don't leave this off your order. 15c each, \$1.50 per doz.

Buffalo Berry. A magnificent, hardy fruit, discovered on the banks of the Missouri, in the Dakotas. It is as hardy as an oak and makes a handsome shrub, as well as a splendid fruit. It grows to a height of from 8 to 12 feet, and can be raised with success in any section of the United States. Early in the spring it begins to blossom, and its beautiful appearance never fails to attract attention. Later comes the fruit, which is borne in great bunches, resembling somewhat a great cluster of currants. The fruit is simply delicious, and for making preserves, jellies, pies, etc., nothing can surpass it. It continues fruiting all summer, and can be gathered at any time you wish them. 15c each, \$1.50 per doz.

Japanese Wineberry. This interesting fruit belongs to the Raspberry family, and is a splendid grower, hardy and very prolific. The canes are covered with purplish-red hair. The fruit is borne in clusters, and each berry is at first tightly enveloped by a large calyx, forming a sort of burr, which is also covered with purplish-red hair so thickly as to present the appearance of moss rose buds. When the fruit matures, this bud pops open and displays the fruit. In color it is a bright red, and the plant is beautiful. Very productive. Berry is firm, thus being a good shipper. In season very late, ripening after all other Raspberries are gone. 25c each, \$2.50 per doz.

Our Family Collection of Small Fruits for \$5.00.

To introduce these fine new fruits into every garden in America, we make the low price we do, feeling that we will gain customers thereby and provide an abundance of delicious fruit at small expense.

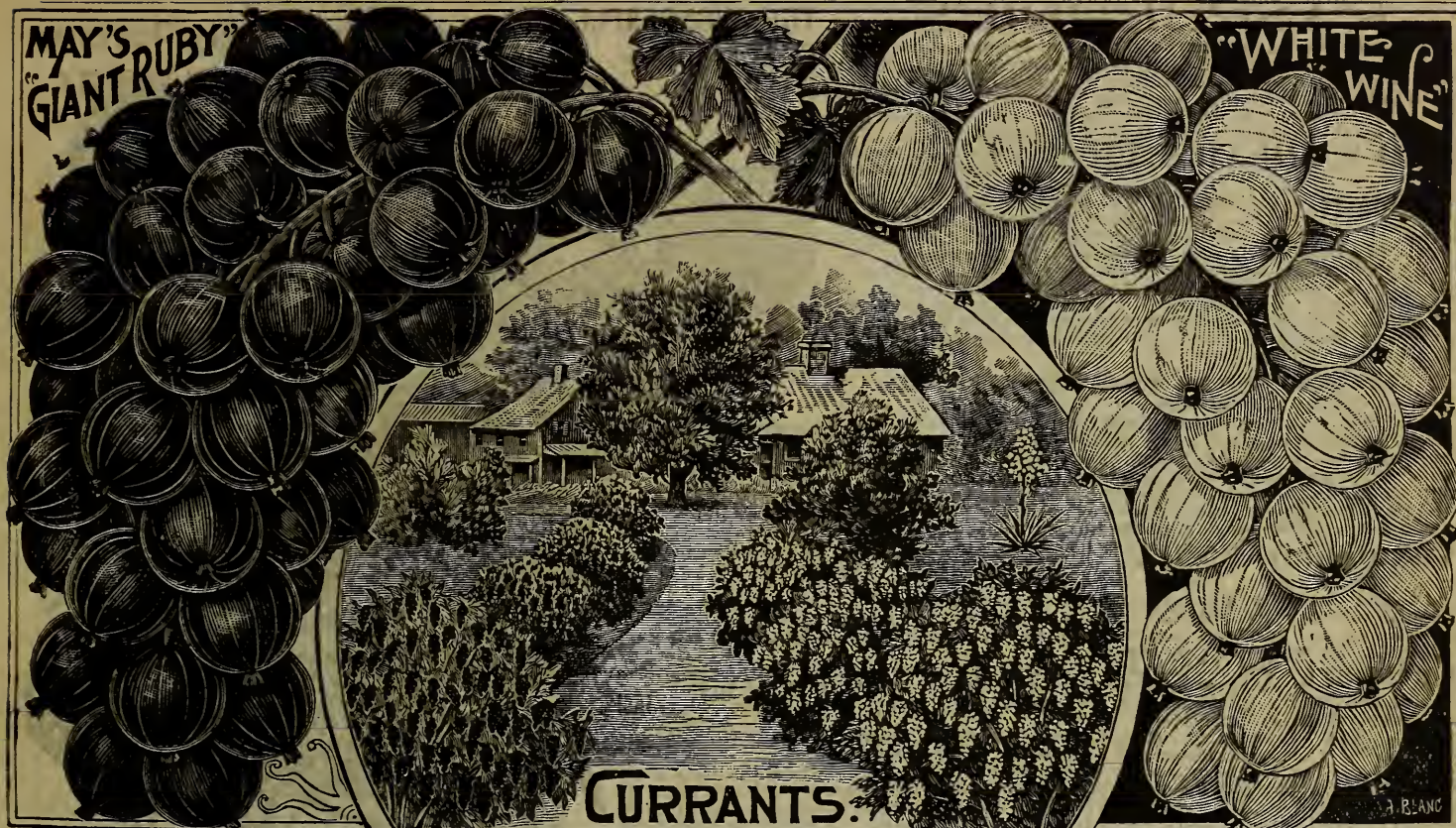
1 Cambridge Grape.....	\$0.35	14 Loudon Raspberry....	1.75
1 White Diamond Grape .30		6 Fay's Prolific Currant .50	
7 Whinham's Gooseberry 2.25		4 White Wine Currant... 1.00	
6 Tree Blackberry.....	1.00		

The above collection sent by express for \$5.00. This will give a family an abundance of fruit during the season and will be worth many times its cost.



May's Everbearing Tree Blackberry.





Currants. Hardy, easily cultivated, responding liberally to cultivation, and standing neglect well, no class of plants grown will afford better returns for the investment, either for home use or the market than these. They should be had in every garden and will pay handsomely for market. Plant four feet apart in rich ground, cultivate well or mulch heavily. Prune out old wood so that each remaining shoot will have plenty of room to grow in. Powdered white Hellebore dusted on the plants will destroy the currant worm.

Two Fine Currants for Home or Market.

May's Giant Ruby. The largest of all the red currants ever introduced. The bushes are unusually strong in habit of growth and bear immense clusters of berries in the greatest abundance. In color the berries are a most beautiful shade of bright red, and in formation the bunches are so immense that they resemble more a small bunch of rich, red grapes than they do a bunch of currants. Many fruit growers are now planting largely of this variety in place of the older sorts, on account of the enormous yields which are certain to be the result. You will make a great mistake if you don't secure a few plants of White Wine and Giant Ruby this year. Price, 25c each, \$2.50 per doz., \$10.00 per 100 by express.

White Wine. A splendid white variety that bears great bunches of lovely pearl white currants of the most delicious flavor. This and Giant Ruby we consider by far the best of all the currants in both quality and yield, surpassing even the well-known and valuable

Fay's Prolific, which has been such a great favorite the past few years. Our White Wine is by far the hardiest white sort that can be obtained, and is especially desirable for the middle and northern states on that account. Price, 25c each, 12 for \$2.50.

Fay's Prolific Currant. By many growers this is considered the best red variety that has ever been introduced, and it is certainly one of the most prolific currants we know of; the bunches and fruit are extra large, the fruit a bright rich red and of the most delicious quality. It is very hardy, and therefore adapted to all parts of the West and Northwest. Price of strong stock, 10c each, \$1.00 per doz., \$6.00 per 100 by express.

The Great Crandall Tree Currant. A most valuable variety. It grows to a height of 7 or 8 feet and forms a handsome tree-like bush, such as shown in our illustration. In addition to being enormously productive it is absolutely proof against the currant worm and all other insects. The fruit, which is of a purplish black color, is very fine for all cooking purposes, and is unsurpassed for pies, jams or jellies. The U. S. Agricultural Report says: "It is an enormous bearer, the fruit large, fully one-half inch in diameter. It is well adapted for sauces, pies, jellies, etc., and is perfectly hardy." We think this is about all that is desirable in a currant and heartily recommend it to our customers. A warning—We are headquarters for this currant and all who desire it true to name should send their orders direct to us. Price, 20c each, \$2.00 per dozen.

Black Champion. Very productive, large berry and large clusters; excellent quality; productive. 10c each, \$1.00 per doz., \$6.00 per 100 by express.

North Star. An extra strong growing red variety, which originated in this state. The bunches average 4 inches in length and are freely produced. Combines extreme hardiness, vigorous growth, extra quality and great productiveness. 15c each, \$1.50 per doz., \$10.00 per 100 by express.

Wilder. A new variety of exceptional merit which should be planted extensively. Plant very strong and productive. Fruit of largest size, bright, attractive red, which hangs on the stem with remarkable tenacity. Flavor the finest. 25c each, \$2.50 per dozen.

White Grape. This old and well known variety still retains its popularity and is considered by many the best white currant ever introduced. It certainly possesses many points of excellence, such as hardiness, a prolific bearer, fruit of fine form and good keeping qualities, and of excellent flavor. 10c each, \$1.00 per dozen, \$6.00 per 100 by express.

Cherry. This is another old and tested variety, well known and highly valued by all fruit growers. It is the leading red variety and a great favorite. 10c each, \$1.00 per dozen, \$6.00 per 100 by express.



RASPBERRIES.

These thrive in any ordinary soil that will produce a good corn crop. Land should be thoroughly prepared and enriched, ground bone being one of the best fertilizers. Plant in rows 5 feet apart and 3 to 4 feet in the rows. Keep well cultivated and free from weeds and suckers. As soon as they are through bearing cut out the old wood so as to give more vigor to the young canes.

RED VARIETIES. Price, unless noted: 10c. each, 75c per doz., postpaid; \$4.00 per 100 by express or freight.

Black Hills. PERFECTLY HARDY. The grandest and most beautiful berry we have ever seen. It originated in Dakota and is almost as hardy as an oak. The fruit is of a rich red color, extra large and of the most delicious quality. One of its best points is its wonderful yields and great length of time it will bear during the summer. The plants are vigorous in growth and so hardy that they have for seasons stood our severe winters in the Northwest without any protection at all, always bearing heavily and surpassing any other sort in both yield and flavor.

A FEW WORDS FROM ONE WHO HAS GROWN THIS BERRY.

L. L. MAY & Co., St. Paul, Minn.

Gentlemen:—I have for years tried different raspberries that I obtained from the East, but never found a single variety that would stand our severe winters without heavy covering, until I tried the Black Hills Red Raspberry. This one is perfectly hardy, standing the winters without any protection. Fruit is very firm, larger than the black varieties and of a finer quality. It is a heavy bearer and a most valuable variety.

20c each, \$2.00 per doz. postpaid. J. V. DEWITT, Creston, Dak.

Columbian. Introduced a few years since and claimed by many to be the best red raspberry ever introduced. It is an exceedingly strong grower, bushes often attaining a height of 12 or 15 feet. It is a very prolific bearer, quite hardy, succeeding especially well in the middle and southern states. The fruit is very large, globular, deep purplish red color and of a very sweet and pleasant flavor. It is an excellent shipper and considered very fine for canning, jams, etc. 15c each, \$1.00 per doz. postpaid; \$5.00 per 100, by express.

Cuthbert. The old true and tried variety, succeeding well in all soils and locations. Plant strong, vigorous and perfectly hardy. Fruit of largest size, conical, rich crimson, of a sweet, rich luscious flavor. The best shipper known and on this account planted very extensively.

Hansell. Extra early. A good grower, hardy and prolific. Fruit of medium size, bright crimson and fine quality. An excellent shipper.

Loudon. A Northern variety, which will in all probability take the place of all other Red Raspberries, with the possible exception of our Black Hills. It was originated by E. W. Loudon, of Wisconsin, who says: "The Loudon is a seedling of Turner, crossed with Cuthbert; berry is large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape."

E. S. Carman, editor of *Rural New Yorker*, says: "The Loudon is the best hardy late red we have ever tried. Plants did not suffer at all by the past winter, one of the severest known. The berry ripens with Cuthbert, average large, and are very firm and among the heaviest yielders we have tried. Now that Cuthberts are gone, the Loudon is still bearing." This berry is one that should be grown extensively in the Northwestern States on account of its hardiness and wonderful yield. 15c each, \$1.50 per dozen, postpaid; \$6.00 per 100, by express or freight.

Marlboro. This is a strong, vigorous grower, immensely productive and perfectly hardy. The fruit, which ripens early, is of the largest size, of a light crimson color, of good firm quality, rendering it extra good for shipping.

Miller's Red. One of the new varieties of special merit. It is a vigorous grower, forming strong, stocky bushes, perfectly hardy and enormously productive. Berries of large size, round, bright red, very firm and delicious. Commences to ripen with the earliest, and for home or market is unsurpassed. 20c each, \$2.00 per doz. postpaid; \$8.00 per 100, by express.

Rancocas. An old standard variety, succeeding well in many sections.

Reliance. A standard sort, grown largely by market gardeners and others on account of its hardiness and its fine shipping qualities.

Shaffer's Colossal. A very strong grower, producing immense canes. Hardy and enormously productive. Fruit large, of a dull purplish unattractive color. It ripens late, and while not recommended for shipping, its large luscious fruit renders it valuable for home use.

Golden Queen. A beautiful, large golden yellow variety, a seedling of the Cuthbert and surpassing that excellent variety in size, beauty and adaptability to all sections, succeeding well everywhere. The plants are strong and productive. 15c each, \$1.50 per doz.

A CHOICE BLACK CAP.

The Older. Especially recommended for the North, and sections where other varieties do not succeed. Very hardy, vigorous and prolific; profitable for both home use and market. Berries sweet and rich, of large size, jet black; ripens before Gregg. 20c each, \$2.00 per dozen.



Older.

THE WONDERFUL
BLACK HILLS
RASP.
BERRY.

THE ONLY PERFECTLY
HARDY VARIETY.



ENGRAVED FOR
L. L. MAY & CO.

BLACK CAPS. Price, unless noted: 10c each, 75c per doz. postpaid; \$4.00 per 100, by express or freight.

Cumberland. Said to be the largest Black Raspberry ever introduced. Has been thoroughly tested and proven perfectly hardy in all sections. It is a very strong grower, throwing up stout, stocky canes well adapted for supporting their loads of large fruit. Fruit of the largest size, of great firmness, making it an excellent shipper. An enormous yielder, being more productive than any variety we have ever grown. 15c each, \$1.50 per doz., \$8.00 per 100.

Gregg. An old standard variety and one of the most valuable grown. Fruit large, good quality and a good keeper, ripening in mid-season. Plant hardy, vigorous and a great yielder.

Eureka. Ripens early, fruit firm, of large size and good quality. A strong grower, healthy foliage, hardy and productive.

Kansas. A strong, vigorous grower, standing extremes of drought and cold remarkably well and bearing immense crops of fruit. Berries of large size, jet black and almost free from bloom. Fruit very firm and commands a high price in market. The best second early variety grown.

Mam Cluster. An old and much prized variety on account of its hardiness and its fine fruit produced in large clusters.

Nemaha. The best late variety. The bushes are remarkably strong growing and healthy. The fruit is large, firm and of delicious quality, excelling the Gregg both for home use and shipping.

Ohio. An old favorite variety, and by many still considered the best grown. It is perfectly hardy, very productive and the fruit is firm and of delicious flavor. You will make no mistake by planting this variety, as it thrives well everywhere.

Palmer. The earliest ripening variety. Fruit of good size and quality. Plants vigorous, productive and hardy.

GRAPES.

No class of fruit is more easily grown than the grape, and none produces finer fruit year after year. If you have room for only one fruit in your garden, that one should be a grape. The grape is the most healthful fruit grown, and everyone having a family should have an abundance of this choice fruit. We offer a few choice varieties, which experience and tests prove well selected for this latitude.

Brighton. Large, well-formed clusters. Fruit red and of excellent flavor. Ripens early. 25c each, \$2.50 per dozen.

Campbell's Early. Of strong, hardy, growth. Fruit large, glossy black and an excellent keeper both on and off the vine. Flavor unexcelled. An early ripening sort, and one of the best. 50c each, \$5.00 per dozen.

Cambridge. A seedling of the well known Concord which we introduced several years since. The plant is perfectly hardy, very vigorous; foliage large, clean and healthy. Fruit of large size, borne in immense clusters, jet black and ripening earlier than the old Concord, making it valuable for northern localities. It is immensely productive, fruit hangs on the stem for a long time, and of an exceedingly fine quality. We believe it to be the grape for the millions for either home or market use. 35c each, 3 for \$1.00; \$3.00 per doz.



White Diamond.

White Diamond. Valuable for all sections of the United States, as it is of healthy habit and perfectly hardy. The berries are extra large, of a creamy white color and of the richest and most delicious flavor, withstands mildew and diseases, and is a sure cropper in every locality. For the middle and northern states we believe it to be the best variety of its color that has ever been introduced. 30c each, \$3.00 per doz.

Niagara. One of the best white grapes grown. Perfectly hardy, vigorous and productive. Bunch and berries large, greenish white, changing to pale yellow when fully ripe. Skin thin. 25c each, \$2.50 per doz.

Red Jacket. One of the largest red varieties grown. The plant is very hardy, vigorous and productive, and very free from mildew. Has been widely tested and pronounced by all one of the best ever introduced. 30c each, \$3.00 per doz.

Smith's Imp. A good grower and exceedingly productive. Fruit large, pale green, skin thin, quality the finest, being unsurpassed for table use and cooking. 20c each, \$2.00 per doz.

WHINHAM TREE. See back cover.

THE NEW LOGAN BERRY, OR BLACKBERRY RASPBERRY.

A WONDERFUL FRUIT. This grand new berry has been tested here for several years. It is a strong, vigorous grower, quite hardy, and is a valuable addition to our small fruits. It originated in California, and seems to be a true hybrid between the raspberry and blackberry, partaking of the nature of both in quality and appearance, but of finer and more delightful flavor. The berries are the size of the largest blackberries and of a rich, dark, purple red color. It is an abundant bearer, the fruit has very few seeds, ripens early (before blackberries), and is of such excellent quality for eating and cooking that it has brought four times the price of other berries, and will probably continue high for several years. 20c each, 3 for 50c, 7 for \$1.00.

SPECIAL COLLECTION.

1 Logan Berry, 1 White Diamond Grape,
1 Strawberry Raspberry, 1 Downing Gooseberry,
For 70c, 3 collections for \$2.00.

CONDENSED PRICE LIST OF SMALL FRUITS.

BLACKBERRIES.			Express
Ancient Briton, Early Harvest, Eldorado, Minnawaska, Ohmer, Snyder, Stone's Hardy, Taylor, Wachusett, Lucretia Dewberry.....	POSTPAID.		at Customers
	Each.	Doz.	Expense, 100.
Iceberg.....	\$0.15	\$1.50	\$5.00
Everbearing Tree.....	.25	2.50	12.00
	.20	2.00	9.00
CURRANTS.			
Giant Ruby, White Wine, Wilder.....	.25	2.50	12.00
Fays, Black Champion.....	.10	1.00	6.00
Crandall Tree.....	.20	2.00	10.00
North Star.....	.15	1.50	8.00
RASPBERRIES.			
Columbia.....	.15	1.50	5.00
Curthbert, Hansell, Marlboro.....			
Rancocas, Reliance, Schaffer's Colossal, Gregg.....	.10	.75	4.00
Eureka, Kansas, Mam Cluster, Nemaha, Ohio.....			
Palmer, Golden Queen.....	.15	1.50	6.00
Loudon, Cumberland, Golden Mayberry.....	.20	2.00	8.00
Miller's Red.....	.20	2.00	8.00
GOOSEBERRIES.			
Chautauqua, Columbus.....	.35	3.50	15.00
Downing, Houghton, Smith's Imp.....	.20	2.00	10.00
Golden Prolific, Pearl, Red Jacket.....	.30	3.00	12.50
Whinham's Tree.....	.30	2.50	12.00
GRAPES.			
Brighton, Niagara.....	.25	2.50	12.00
Campbell's Early.....	.50	5.00	.....
Cambridge, White Diamond.....	.35	3.00	15.00



Strawberry Raspberry.

The Strawberry Raspberry, or Tree Strawberry. This is one of the most beautiful fruits ever seen; berries the size and shape of the largest strawberries; bright, rich, shining scarlet, with an exquisite bloom; makes lovely jams, jellies and tarts, having a delicious flavor entirely different from any other fruit; bears the first season, and gets larger and stronger every year. Came from Japan, and tested for two years here; the bush grows from 18 inches to 2 feet high, is entirely hardy and will do well everywhere, regardless of heat or drought. All lovers of fruit should give it a trial. It will surprise and please you. 15c each, 4 for 50c, 12 for \$1.00.

GOOSEBERRIES. Plant in good, rich soil and give a liberal mulching of manure each year. In order to obtain fine fruit, prune regularly each year. To prevent mildew, spray bushes as soon as leaves appear and several times during season with potassium sulphide, one ounce to four gallons of water.

Chautauqua. A strong, vigorous, productive variety of recent introduction. Fruit large, light yellow, free from spines and hair, thick skinned, sweet and of exquisite flavor. 35c each, \$3.50 per doz.

Columbus. A strong, robust grower, quite free from mildew. Fruit of largest size, oval, greenish yellow and of finest quality. 35c each, \$3.50 per doz.

Downing. An old favorite, and one of the best for home or market use. Fruit large, handsome, pale green, of finest quality. Plant vigorous and free from mildew. 20c each, \$2.00 per doz.

Golden Prolific. Plant perfectly hardy, of most vigorous growth and nearly mildew proof. Fruit of the largest size, deep golden yellow, of excellent quality. This variety combines all of the good qualities to make it most profitable for home or market. It is very productive, the fruit is attractive, its keeping qualities are the best and it always commands the highest price in the market. 30c each, \$3.00 per doz.

Houghton. Enormously productive. Fruit of medium size, roundish oval, pale red, sweet and tender. 20c each, \$2.00 per doz.

Pearl. A new variety, resembling the Downing, but rather more prolific than that sort. Plant very vigorous and healthy. 30c each, \$3.00 per doz.



Logan Berry.

THREE WONDERFUL FRUITS.

PRODUCTIVENESS UNEQUALED,
QUALITY UNSURPASSED,
POPULARITY UNPARALLELED.

Rocky Mountain Dwarf Cherry.

A fruit for all people and all sections. Certainly the greatest novelty in the fruit line ever introduced. The fruit is a rich red and changes to almost black when ripe, and in size averages somewhat larger than the English Morello; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and, when fully ripe, for preserves or to eat out of hand it has no equal in the line of pitted fruits, and is conceded superior to any fruit grown in this section. It has the best system of roots of any shrub or tree we have ever planted, which accounts for the wonderful productiveness of plants at such an early age. It bears every year, and is as prolific as a currant bush, 16 quarts having been picked from a three year old tree. Grows to a height of four feet, and has never been affected by insects, black knot or other disease. 35c each, 3 for \$1.00.



Improved Russian Mulberry.

An ornamental hardy fruit-bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. This valuable fruit and ornamental tree was brought to this country from Western Russia by the Mennonites. The tree is a very rapid grower. It grows to be very large, often reaching the height of fifty feet, and from three to five feet in diameter, and is perfectly hardy. It commences to bear when only two years old, and is a prolific bearer, the fruit being larger than the average blackberry. They have a fine aromatic flavor and sub-acid sweet taste, and are used for dessert as we use blackberries or raspberries. A beautiful quick growing tree for the lawn, while the fruit is valuable for table use. In all our experience we have found no fruit so admirably adapted to all parts of the West and Northwest. Fine healthy stock which will fruit in a year or two. 25c each, 2 for 40c.

New Dwarf Bismarck Apple.

Garden or yard, or in boxes or pots. This wonderful new dwarf apple is said to have come from New Zealand, and wherever tested in this country has proved an astonishing revelation in early

Delicious quality, beautiful color, wonderfully prolific. Fine for planting in

fruiting, beautiful color and appearance excellent quality and perfect hardiness. Nothing like it was ever seen before. A little tree not over a foot high, and grown in a pot, has been known to bear a large apple a few months after planting, and it seems certain the trees will bear profusely the first, or at least the second year from planting. They can be grown in pots or boxes, if desired, but are particularly recommended for planting in gardens and small yards, where fine fruits are desired, but not room for large trees. The apples are of very large size and beautiful rich, golden-yellow color. They are of the most distinct and delicious flavor. 40c each, 3 for \$1.00.



IMPROVED RUSSIAN MULBERRY.



SPECIAL OFFER.

The three wonderful fruits described above, 80 cents.

The Hardy Japan Chestnut.

Everybody loves nuts, and, as they can be grown in almost any location, and thrive with little care and attention, they should be planted more largely. This new and desirable chestnut is a native of Northern Japan. It is extremely hardy, a vigorous grower of symmetrical form; matures its fruit early, and bears when very young, and is extremely productive. The nuts grow in clusters; the meat is sweet and of the very best quality. 35c each, 3 for \$1.00.



ENGRAVED FROM A PHOTOGRAPH



THE PETALUMA INCUBATOR.

Capacity 126 Eggs.

Price \$20.00.

Pearl Grit for Poultry.

No poultry raiser can afford to be without the celebrated Pearl Grit, which has become so popular the last two years. Analysis shows it contains over 95 per cent carbonate of lime. Read the following: "ODELL, ILL., March 27, 1898.—Gentlemen: I have received the Pearl Grit, and fed same to my fowls; it made a wonderful change in eggs, both in number and hardness of shell; I shall never be without it. One of my neighbors has 120 hens, and he only received twenty-eight to thirty eggs a day. I gave him twenty pounds of Pearl Grit to try. The third day after he started to feed the Grit he received 90 to 110 eggs a day. Yours truly, J. G. HANK." Price by freight—GRADE A, Large size for chickens: 25 lb. bag 65c, 100 lb. \$1.50, 200 lb. 2.25. GRADE B, Crushed smaller for little chicks, same price. Not less than 25 pounds will be shipped.

TOBACCO. In making up our list of varieties we have endeavored to give only such sorts as were of special merit and certain to give satisfaction. **CULTURE.**—Usually the seed is sown as early as possible in the spring after all danger of frosts is past. It is a good plan to burn brush, rubbish or something of this sort in the spring on the ground intended for use as a seed bed, and then dig and thoroughly pulverize the earth to a depth of 12 or 15 inches, and mix ashes in with the soil. The seed should be sown after that, and given a very light covering. When the plants attain a height of 5 or 6 inches they may safely be transplanted into rows 4 feet apart each way. Cultivate thoroughly, keeping the ground free from weeds. One ounce will sow 25 feet square, producing enough plants for 1 acre.

CONNECTICUT SEED LEAF. Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than other sorts. Pkt. 5c, oz. 20c, ¼ lb. 70c.

HESTER. A favorite variety, originated in Granville, N. C. Superior to all yellow varieties; recommended by Mr. Brunette, of Jefferson, Wis., as one of the best for general cultivation. Pkt. 5c, oz. 25c, ¼ lb. 75c.

WHITE BURLEY. Best adapted to the Northern and Western States; the seed we offer is of an improved type and far superior to the common White Burley being offered by some firms at a low price. Pkt. 10c, oz. 35c, ¼ lb. \$1.25.

STERLING. Ripens early; best adapted to the Northern States or any part of the country that is apt to have early frosts; makes the silkiest of wrappers and sweetest of fillers. Pkt. 5c, oz. 25c, ¼ lb. 75c.

LITTLE ORONOKO. Best adapted to the Middle and Southern States; leaf is long and of good depth; small stem. It will also stand in the hill after ripening without injury of becoming over ripe. Planters can rely on this seed to produce the very best type procurable. Pkt. 5c, oz. 25c, ¼ lb. 75c.

BIG HAVANA. Considered in the South one of the best that can be grown; a heavy cropper, fine flavor, and the earliest cigar variety to mature and ripen. Will make two crops from one planting in the South. Pkt. 5c, oz. 25c, ¼ lb. 75c.

BULLION. A stately, broad-leaved, well formed, fine fibered sort, with the form and the habit of the Hester. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

BONANZA. A White Burley cross on Yellow Oronoko. Makes fine wrappers, fillers and cutters; it stands the vicissitudes of the season better than the Burley. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

FOREST TREE SEEDS.

Many varieties are easily grown. It should be remembered that while some kinds sprout at once, others require several weeks, and a few lie dormant a whole season. Evergreen seeds should be kept in cool, dry sand. Those with hard shells like the locust should be planted in the autumn. American elm, silver maple and a few other sorts ripen their seed early in the summer, and, if gathered and planted soon after they fall from the tree, will make fine plants the same season. The seeds of other deciduous trees should be planted from the middle of April to the middle of May in drills about two feet apart, and covered about half an inch in depth.

EVERGREEN TREE SEED.

oz.	lb.	oz.	lb.
Arbor Vitae, American...	20c \$2.00	Austrian Pine.....	25c \$2.50
Balsam Fir.....	20c 2.00	White Pine.....	25c 2.50
Red Cedar.....	10c 1.00	Scotch Pine.....	25c 2.50
Norway Spruce.....	15c 1.50		

DECIDUOUS TREE SEED.

oz.	lb.	oz.	lb.
Ash, American White....	10c \$0.75	Larch, European.....	20c \$2.00
Ash, Black or Water....	10c 1.00	Linden, American.....	10c 1.00
Ash, Green.....	10c 1.00	Locust, Yellow.....	10c .50
Birch, American White....	20c 2.00	Maple, Norway.....	10c .75
Birch, European.....	10c .75	Maple, Sycamore.....	10c .75
Box Elder.....	10c .40	Maple, Sugar.....	10c 1.00
Catalpa, Hardy.....	10c 1.00	Maple, Soft.....	10c 1.00
Cottonwood.....	20c 2.00	Mulberry, Russian.....	25c 2.50
Elm, American.....	20c 2.00	Mountain Ash, American	15c 1.25
Honey Locust, for hedges	10c .50	Osage Orange, for hedges	10c .75

This machine with plain trays will hold up to 144 eggs. This, as well as the two larger models, is fitted with drawers, commonly called nursery, under the egg trays, to accommodate the chickens after being hatched, our celebrated corrugated galvanized steel wire trays with extra tray for turning, moisture pans, egg tester, thermometer, lamp, burner, chimney, wicks, "Petaluma" regulator, the best self-regulating apparatus in the world, and full directions for operating, and our Air-Cell Indicator.

We have other sizes of Incubators and will mail complete catalogue on application.

Hammond's Slug Shot.

A combination of the most potent insecticides and most soluble plant food. When you order your seeds, if you have not tried Hammond's Slug Shot, order a five or ten-pound package, and use it as per directions given with each package. Not prepaid, 5 lbs. 35c, 10 lbs. 65c, 50 lbs. \$3.00, 100 lbs. \$5.00.

Bone Flour. This is pure ground bone, and is one of the best fertilizers known.

It is entirely free from foreign matter, so there is no danger of introducing seeds of weeds, etc., in its application. As a lawn dresser it is unsurpassed. Should be applied at the rate of one pound to fifty square feet of lawn. It is an excellent fertilizer for all house plants and garden truck, and is highly recommended by all who have used it. 5 lbs. 25c, 50 lbs. \$1.75, 100 lbs. \$3.00.

Sterilized Sheep Manure

is another excellent dressing for lawns. It is somewhat cheaper than the other fertilizers, but equally as effective, and highly recommended for early spring dressing, and for large plots. It is prepared from the fresh droppings of grain-fed sheep, is thoroughly sterilized and sifted to remove all foreign matter, foul seeds, etc., dried, pulverized and rendered odorless in process of manufacture. It is far superior to the sundried article, made from grass-fed sheep, which is offered by many dealers, as it contains a higher percentage of plant food ingredients. It makes an excellent fertilizer for roses, chrysanthemums and all flowering plants, bringing them into bloom quickly and increasing the size and quantity of the blossoms. For this purpose it is usually applied in liquid form, using one pound to five gallons of water. It can also be used for all garden vegetables and plants, and can be applied either in the row or hill when planting, or later as a top dressing. By express or freight, 25 lb. sack 75c, 50 lb. sack \$1.10, 100 lb. sack \$2.00. Prices on larger quantities quoted on application.

Eureka Weed Killer.

The Gardener's Friend. This is a preparation for killing weeds in walks, carriage drives, stable yards, courts, etc., and keeping them under the whole season. It brightens gravel walks without staining or imparting any unpleasant odors or making the paths greasy. It is a powder, and contains full instructions for using on the can. Put up in 3-lb. cans, sufficient for 100 square yards of path. Per can 50c.

Bowker's Food for Flowers.

(THE STANDARD PLANT FOOD.) A dressing made expressly for plants grown in the house, garden or conservatory; clean, odorless, and producing early and abundant blossoms, and healthy, luxuriant plants. One small package is enough for thirty plants for three months. Decidedly the best dressing for potted plants. Small packages 25c, large packages 45c, postpaid; by express, small packages 15c, large packages 25c.

May's Odorless Lawn Dressing.

A perfect fertilizer for all lawns, rendering them green, thrifty and luxuriant throughout the entire season. This dressing is prepared so that it will act gradually throughout the season, restoring old lawns to full luxuriance and giving new ones that green, thrifty, velvety appearance so much desired in a lawn. It is perfectly odorless, so that it may be applied by any one at any time without the least offense. It may be applied at any time during the season when the lawn needs nourishment. If you want nice velvety lawns, sow our lawn seed, use our Odorless Dressing and follow the cultural directions given on page 61, and you cannot fail to obtain best results. 5 lbs. 25c, 10 lbs. 45c, 25 lbs. 90c, 50 lbs. \$1.75, 100 lbs. \$3.00.

"Jadoo" Fibre and "Jadoo" Liquid.

JADOO FIBRE is a new substance for growing plants of all kinds. It was invented by Col. Thompson, of the Royal Army, and Fellow of the Royal Horticultural Society of England, and is highly recommended by gardening authorities there. It suits all kinds of plants, is only half as heavy as earth, and cleaner to handle; requires no soil to mix with it and no manure. It increases the size and the brilliancy of flowers. Seeds germinate and cuttings root in it quicker than in earth. Owing to its spongy nature it retains water much longer than earth. Plants transplanted in Jadoo Fibre do not flag, even if in full bloom. 5 lb. box 30c, 10 lb. box 50c, 25 lb. box \$1.10, bag of 120 to 130 lbs. \$3.75, ton \$50.

JADOO LIQUID revives drooping plants, increases the size and profusion of bloom. It is both meat and drink to plants of all kinds. It can be used on plants that are grown in earth or Jadoo Fibre. Pt. bottle 25c, 2-gal. can \$1.50, 5-gal. can \$3.75, 10-gal. can \$7.50.

Hand Lawn Roller.

Just the thing for rolling lawns. Made in two sizes, entirely of iron, and last a lifetime. First size, in one piece, 26 inches in diameter, 18 inches wide, weight 190 pounds. Price \$13.00. Second size, in two sections, each section 22 inches in diameter and 12 inches wide, weight 275 pounds. Price \$21.00.

This is a thoroughly good machine in every respect, with fine cast steel knives, open cylinder, three blades, 7½ inch wheel, and is so easy-running that a child can use it. It is a mower which gives a continuous cut, does smooth and excellent work.

Note—If you want a 12-inch Lawn Mower we can supply same for \$2.60, or the 16-inch "Slasher" Lawn Mower for only \$3.00.

SLASHER, The Well-known 14-inch Lawn Mower for only \$2.75.



PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing all of the "Planet Jr. Tools," but we will send a fully illustrated Catalogue free to intending purchasers. Planet Jr. goods are standard machines—the best.

Planet Jr. No. 25,

Combined Hill and Drill Seeder
and Double Wheel Hoe,
Cultivator and Plow.

Price \$13.00.



This new combined machine is intended for gardeners who prefer not to buy a separate seeder and wheel hoe also. The seeder is large enough for field use, for it holds

2½ quarts (or about 5 pounds of onion). This seeder will sow in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in sowing all kinds of garden seed in either hills or drills. The simplicity and perfect working of this tool, both as a seeder and as a wheel hoe, make the combination thoroughly practical.

Fire Fly Garden Plow, Price \$2.25.



This tool is most useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep. In cultivating plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden.

New Model Seed Drill. Price \$7.00.

Its record is superb and unchallenged. The adjustment in the New Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation being a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. Packed, weighs about 40 pounds.

The Adjustable Spring Tooth Hoe

or Garden Cultivator, Price \$1.00



This is something that everyone should have that has a garden. This handy little cultivator will put more ground in better condition, and pull more weeds in less time with less work than any hand tool ever offered to the public. Any small boy can use it with ease. It weighs 3 pounds, is about as wide as a common hoe. Can be used to cultivate between rows, or the center shovel can be removed and straddle a row. The width can also be adjusted by sliding the top plate back or forward. The shovels are made of fine steel, the best material is used in their construction.

Planet Jr. No. 4.

Combined Hill and Drill Seeder,
Wheel Hoe, a Cultivator,
Rake and Plow. Price Com-
plete \$11.00. As a Drill
Only, \$8.00.



This combined drill has been brought to a point of such wide usefulness and perfection at work that

we can hardly recommend it too highly. What the drill will do. It will sow a continuous row, or drop in hills 4, 6, 12 or 24 inches apart. The hill dropping attachment is substantial, positive and exact. It is changed in a moment from hill dropping to drill work and back again. Also thrown out of gear by simply raising the handles. The opening plow. This is adjustable for all reasonable depths and leaves the seed in a straight, very narrow line, so that the cultivation with the wheel hoe may be done in the closest manner.

PLANET JR. NO. 11.

All
Blades
are
Steel,
Hard-
ened
in Oil
and
Pol-
ished.

DOUBLE WHEEL HOE, CUL-
TIVATOR, RAKE AND
PLOW.



\$8.50 Buys This.

Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field and among many other crops, one can do more and better work with it than six men with ordinary hoes. It is invaluable for all market garden crops. The wheels are about ten inches in height, strongly made, the best material being used in their construction. The "Planet Jr." Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage.

No. 12. With plows, hoes, wide and narrow cultivator teeth and leaf lifters, \$6.50.

No. 13. Single wheel hoe, with 6-inch hoes only, \$4.50.

No. 15. Single wheel hoe, cultivator, rake and plow. With 1 pair of 6-inch and 1 pair 4-inch hoes; 1 1/2-inch and 1 10-inch rake; 3 cultivator teeth, a large plow and leaf guard, \$6.50.

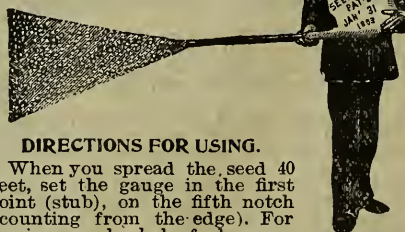
No. 16. With 2 6-inch hoes, 3 cultivator teeth, 1 7 and 1 4-inch rake, a large garden plow and leaf guard, \$5.50.

No. 17. With 1 pair of 6-inch hoes, 3 cultivator teeth, and a large garden plow, \$4.75.

No. 18. Single wheel hoe with 6-inch hoes only, \$3.25.

The Lightning.

Guaranteed to sow from 50 to 80 acres per day (either Horse-back or foot), of clover, timothy, millet, flax and all seeds of same nature.



DIRECTIONS FOR USING.

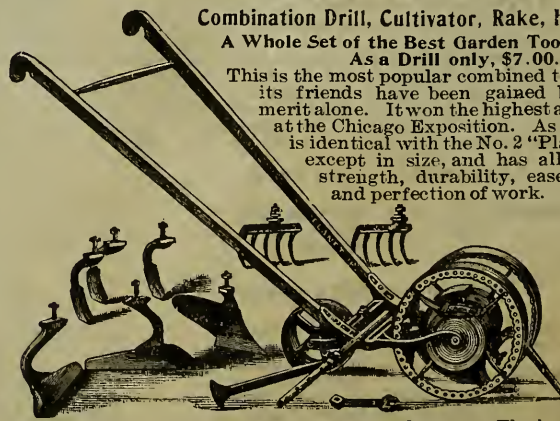
When you spread the seed 40 feet, set the gauge in the first joint (stub), on the fifth notch (counting from the edge). For sowing one bushel of clover or timothy to eight or ten acres,

A Seed Sower
for Only \$1.00.

put the largest section of the three on the stub, and continue in same order. Shove them on good and solid; then put the bag under your left arm, with the strap over the right shoulder, start by swinging the tube in a horizontal position from right to left, and a few minutes practice will make you a perfect sower. Care should be taken not to lower the tube on the sides when in motion, and to use clean seed.

PLANET JR. NO. 1.

Combination Drill, Cultivator, Rake, Hoe and Plow.
A Whole Set of the Best Garden Tools for \$9.50.
As a Drill only, \$7.00.



This is the most popular combined tool known and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition. As a seed sower it is identical with the No. 2 "Planet Jr." Drill, except in size, and has all its merits, its strength, durability, ease of operation and perfection of work. This combined

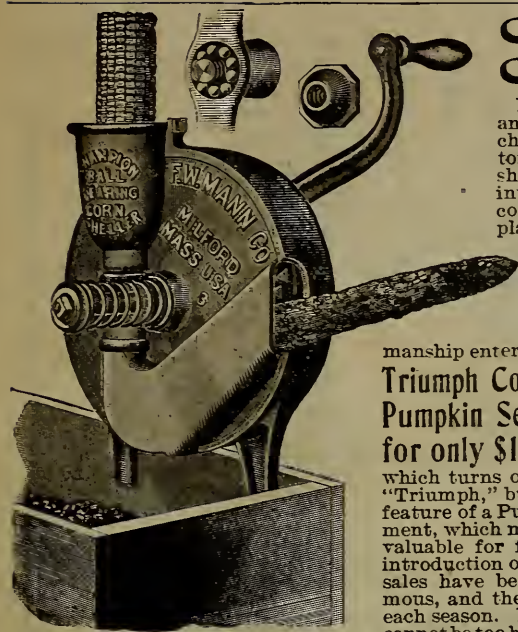
tool has a complete set of cultivating tools, and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regu-

larity and at uniform depth, regulated at pleasure. The hopper holds one quart. The door, when opened, forms a convenient spout for filling with seed. From a drill it is changed to its other uses by unscrewing but 2 bolts, when any of the attachments shown in the cut can be instantly attached.

LANG'S
HAND
WEEDER

HANDIEST
TOOL
ON EARTH.

30¢
By MAIL
PREPAID



CHAMPION BALL BEARING CORN SHELLER.

It has no equal. It is the best sheller on the market, and, considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions embodying improvements found in no other corn sheller. This machine is designed to take the place and do the work of shellers sold for two or three times its price. It must not be confounded or compared in price with the many cheap-made affairs masquerading under the name of corn shellers, whose chief merit is price, and which fail utterly to satisfy. The Champion is solid, substantial and durable. The very best material and workmanship enter into its construction. Weight, 20 lbs. Price, \$2.50.

Triumph Corn Planter, with Pumpkin Seed Attachment, for only \$1.15.

This is made by the same firm which turns out the well known "Triumph," but has the additional feature of a Pumpkin Seed Attachment, which makes it particularly valuable for farmers. Since the introduction of this implement the sales have been something enormous, and the demand increases each season. It is a planter which cannot be too highly recommended, and must not be compared with

Corn Sheller.

some of the cheap sorts that are on the market at the present time, offered at prices about the same as this. Triumph Corn Planter without Pumpkin Seed Attachments, 90c.

Family Grist Mill for only \$4.40.

Don't confound this with some of the cheap makes of the kind ever manufactured. This No. 0 mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable implement to have in the kitchen, as you can have fresh Graham or corn meal when wanted.

New Prize Brass Spray Pump No. 669.

Is a grand pump for the garden or conservatory and also for washing windows, buggies, etc. It is strongly made, its working parts are entirely brass, it is fitted with the Acme Nozzle and will throw a fine spray or a solid stream. Price \$2.90.

Rubber Plant Sprinkler. These rubber plant sprinklers have been in great demand the past few years, and people who are growing plants in the house begin to realize they are almost a necessity, as any portion of the plant can be sprinkled without difficulty and without danger of throwing the water all over the room. They are made of the very best grade of rubber, and are very desirable. Price, Straight Neck, 90c each; Bent Neck, \$1.10.

The bent neck is valuable for spraying the underside of the foliage on plants.

Children's Floral Tool Set. These are light, each implement being well made of the best material. The set includes a steel spade, steel hoe, and a good substantial malleable rake. The size we offer is made especially for use in the flower garden, and cannot fail to give perfect satisfaction. Price, packed and delivered on board cars here, 65c per set.

65c buys the new DOUBLE-TUBE LIGHTNING INSECT EXTERMINATOR



Properly used, it kills, drives away and exterminates all insects obnoxious to yourself, your animal, or your crops. The Double Tube Lightning Insect Exterminator No. 10 for 1901, is made with double tube, and is double the capacity of any sprayer made, covering a radius of 2½ square feet, producing two large sprays with one operation. Reservoir,

is made of galvanized iron which will not rust or corrode. A tablespoonful of Paris Green and two quarts of water will successfully kill 2,000 hills of potato bugs, all sizes. CAUTION—Always see the leather plunger

is kept well oiled. Occasionally this should be taken out and cleaned, as this forms the air suction and does all the work. Always clean and dry the reservoir before putting away. Price, 65c.

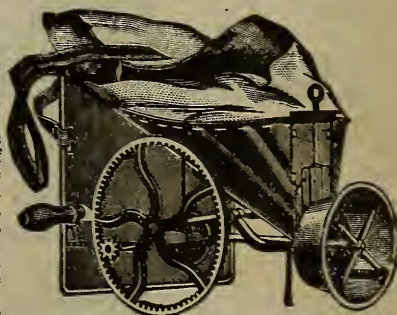


The New Cyclone

Seeder, \$1.90 Buys it. Will sow timothy, clover, wheat, oats, rye, buckwheat, Hungarian, bone dust, red top, turnip, millet, corn, cotton and all other grains and seeds perfectly even and any desired amount to the acre, and from 40 to 60 acres a day. The machine is strictly first-class in every respect; the bag or hopper is extra large and made from heavy ducking. It sows clover 36 feet to a round; timothy, 27 feet; millet, 36 feet; flax, 36 feet; wheat 50 feet; oats, 36 feet; barley, 40 feet; rye, 50 feet, etc. No chance for skipping, even if you do not walk exactly straight or take large steps, as some of the seed is continually being thrown 8 to 10 feet ahead of operator, and sufficient lap is made on account of not seeding so heavy at edges, that a slight crook will not be noticed.

Improved Cahoon Seed

Sower. A favorite with farmers in all parts of America; reliable in every respect. The old standard make for sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind in the market. The grain is held in a tight sheet-iron hopper, surrounded by a bag, which will hold a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from 8 to 20 feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. \$3.25 each.



Improved Cahoon Seed Sower.

The Lightning Compressed

Air Sprayer. This is something that has been looked for, for throwing a fine mist-like spray. It is made of galvanized iron and holds nearly 4 gallons of liquid. The pump is on the outside, the air being forced through the inside valve. It is also provided with a safety valve which prevents over pressure, so that when the air is forced in the safety valve will blow off after it reaches its proper degree of pressure. It may be carried in the hand when necessary. It also has two nozzles, one for spraying tall trees, and the other for shrubbery. It will spray 10 acres of potatoes in a few hours, as it covers 2 or 3 rows at a time. It may also be used successfully for keeping the cattle flies from stock during the summer. Will spray under and over the animal evenly and quickly, securing a greater flow of milk. Pump the sprayer as full of air as it will hold, which will be indicated by the safety, then by simply turning the cock the liquid is forced out by the compressed air. The handiest, most easily worked and best sprayer ever offered. Price, \$4.50.



The Lightning Compressed Air Sprayer.

The Perfect Success Bucket Spray Pump No. 689.

As the cut shows, the "Success" has the improved combination foot rest, bucket clamp and bail holder. For farmers, fruit growers, gardeners, florists, and wherever a durable finished spray pump at a low price is desired they can find nothing better than this article. The new combination bucket clamp and foot rest enables the operator to have the pump and bucket clamped together as one outfit with the pail standing upright in a rigid position. The pump has a large air chamber and is double acting, throwing a continuous stream, either solid or a fine spray. It is provided with Bordeaux Nozzle and four feet of discharge hose. Our price, \$4.25.



Perfect Success.

INDEX.

VEGETABLE SEED.

	PAGE.
Artichokes.....	17
Artichoke Roots.....	17
Asparagus.....	17
Asparagus Roots.....	17
Beans.....	5, 18, 19, 20
Beet.....	5, 7, 21
Borecole.....	21
Broccoli.....	17
Brussels Sprouts.....	17
Cabbage.....	4, 22, 23
Carrot.....	24
Cauliflower.....	26
Celeriac.....	29
Celery.....	6, 27
Chervil.....	26
Chicory.....	26
Collards.....	26
Corn, Pop.....	29
Corn, Sweet.....	7, 23, 29
Corn Salad.....	21
Cress.....	21
Cucumber.....	4, 24, 25
Dandelion.....	26
Egg Plant.....	4, 26
Endive.....	26
Herbs.....	31
Kale.....	21
Kohl Rabi.....	31
Leek.....	31
Lettuce.....	5, 30, 31
Melons, Musk.....	6, 32, 33
Melons, Water.....	6, 34
Mushroom Spawn.....	35
Mustard.....	35
Nasturtium.....	35
Okra.....	3, 36, 37
Onions.....	3, 36, 37
Onions, How to Grow.....	35
Onion Sets.....	37
Parsley.....	40
Parsnip.....	40
Peas.....	7, 38, 39
Pepper.....	41
Pumpkin.....	41
Radish.....	5, 42
Rhubarb.....	43
Salsify.....	43
Spinach.....	43
Squash.....	6, 43
Tomato.....	4, 44, 45
Turnip.....	46

FARM SEED.

Barley.....	7, 55
Bean.....	55
Beet.....	48
Bromus Inermis.....	53
Broom Corn.....	55
Buckwheat.....	55
Caragana.....	6
Carrot.....	47
Clovers.....	59
Corn.....	49, 50, 51, 52
Cow Peas.....	56
Flax.....	54
Forest Seed.....	109
Grass Seed.....	58, 59, 61
Kaffir Corn.....	52
Lawn Grass.....	61
Lupins.....	56
Millet.....	58
Oats.....	7, 56
Peas.....	55
Potatoes.....	60
Rape.....	54
Ruta Baga.....	47
Rye.....	55
Sainfoin.....	59
Salt Bush.....	55
Sand Vetch.....	54
Serradella.....	59
Siberian Pea Tree.....	6
Speltz.....	55
Spring Vetch.....	54
Sugar Cane.....	54
Sunflower.....	54
Tesinte.....	59
Timothy.....	59
Tobacco Seed.....	109
Velvet Bean.....	56
Wheat.....	57
Wild Rice.....	54

FLOWER SEED.

Abrobra.....	62
Abrobia.....	62
Abutilon.....	62
Acanthus.....	62
Aconitum.....	62
Acroclitum.....	62
Adumlia.....	62
Adonis.....	62

	PAGE.		PAGE.		PAGE.		PAGE.
Ageratum.....	63	False Indigo.....	65	Petunia.....	10, 80	Flowering Maple.....	85
Agrostemma.....	63	Fenzlia.....	70	Phacelia.....	80	Forget-Me-Not.....	16
Allegheny Vine.....	62	Ferns.....	70	Phasant's Eye.....	62	Fuchsias.....	90
Alonsoa.....	63	Feverfew.....	73	Phlox.....	11, 78	Gardenia.....	14
Alyssum.....	63	Florida Rattlebox.....	68	Pink.....	11, 69	Geranium.....	15, 91
Amaranthus.....	63	Floss Flower.....	73	Platycodon.....	80	Grevillea.....	90
Amethyst.....	63	Flowering Flax.....	73	Polyanthus.....	79	Heliotrope.....	90
Ampelopsis Veitchi.....	63	Flowering Maple.....	63	Poppy.....	11, 79	Hibiscus.....	14, 15, 16, 90
Anchusa.....	63	Flowering Sage.....	81	Portulaca.....	78	Honeysuckle.....	90
Anemone.....	63	Forget-me-not.....	63, 74	Pot Marigold.....	66	Horn of Plenty.....	39
Angels Trumpet.....	63	Fountain Plant.....	73	Prickly Poppy.....	63	Hydrangeas.....	90
Antigonon.....	8, 11, 63	Four O'Clocks.....	63	Primrose.....	79	Jamaica Pine.....	12
Antirrhinum.....	8, 11, 63	Foxglove.....	68	Primula.....	79	Japanese Cedar.....	12
Aquilegia.....	63	French Honeysuckle.....	71	Purple Bells.....	81	Jasmine.....	90
Arabis Alpina.....	63	Fuchsia.....	70	Pyrethrum.....	78	Jessamine.....	14
Arbor Plant.....	11	Gaillardia.....	70	Ragged Sallor.....	66	Justicia.....	91
Argemone.....	63	Gamolepis.....	70	Rhodanth.....	81	Lady Washington.....	92
Arctolochia.....	63	Geranium.....	70	Rhodochiton.....	81	Lantana.....	14, 91
Arnebia.....	63	Gilia.....	70	Ricinus.....	81	Lemon.....	13
Asparagus.....	9, 63	Glauclum.....	70	Rock Cress.....	63	Lemon Verbena.....	85
Asperula.....	78	Globe Amaranth.....	70	Rose.....	61	Leopard Plant.....	89
Aster.....	9, 64	Gloxinia.....	70	Rose of Heaven.....	63	Linum.....	91
Azalia.....	78	Godetia.....	70	Rudbeckia.....	10, 81	Lobelia.....	91
Baby's Breath.....	71	Golden Mound.....	70	Salpiglossis.....	10, 81	Malabar Vine.....	9
Balloon Vine.....	65	Golden Rod.....	71	Salvia.....	8, 81	Manettia.....	92
Balsam.....	65	Gourds.....	71	Sand Verbena.....	62	Melon Fruit.....	13
Baptisia.....	65	Gynierum.....	71	Scabiosa.....	81	Meyenia.....	92
Bartonia.....	65	Gypsophila.....	71	Schizanthus.....	81	Minneapolis Vine.....	9
Begonia.....	65	Hedge Mustard.....	69	Senecio.....	81	Olea Fragrans.....	13
Bell Flower.....	80	Hedysarum.....	71	Silene.....	81	Oleander.....	92
Bellis.....	68	Helichrysum.....	71	Slipperwort.....	81	Olive.....	13
Bidens.....	65	Heliotrope.....	71	Smilax.....	81	Orange.....	13
Bignonia.....	70	Hesperis.....	71	Snapdragon.....	8, 63	Palms.....	93
Blanket Flower.....	65	Hibiscus.....	71	Snow on the Mountain.....	69	Pansies.....	92
Blue Bottle.....	66	Hollyhock.....	10, 72	Solanum.....	81	Passion Flower.....	92
Brachycome.....	72	Hop.....	10	Spider Plant.....	71	Pelargonium.....	92
Brazilian Morning Glory.....	65	Hordeum.....	72	Squirrel Tail.....	72	Petunias.....	92
Briza.....	65	Horned Poppy.....	70	Star Flower.....	72	Phrynum.....	12
Browallia.....	65	Humea.....	71	Stocks.....	81	Plume Plants.....	91
Bryonopsis.....	65	Humulus.....	72	Straw Flower.....	71	Pomegranate.....	92
Bulk Flower.....	81	Hunnemaria.....	71	Sunflower.....	81	Primula.....	15, 92
Butterfly Flower.....	81	Hyacinth Bean.....	68	Swainsonia.....	61	Roses.....	2, 99, 100, 101, 102
Cacalia.....	78	Hyacinthus.....	71	Swan River Daisy.....	65	Rose Acacia.....	85
Calceolaria.....	81	Ice Plant.....	72	Sweet Peas.....	2, 82, 83	Rubber Plant.....	89
Calendula.....	66	Impatiens.....	72	Sweet Rocket.....	71	Russelia.....	93
California Poppy.....	68	Indian Rose.....	73	Sweet William.....	81	Sanseveria.....	12
Calla.....	78	Ipomea.....	68, 72	Thunbergia.....	81	Silk Oak.....	90
Calliopsis.....	66	Ipomopsis.....	72	Touch Me Not.....	66	Smilax.....	93
Callirhoe.....	66	Jacoba.....	72	Tree Cypress.....	72	Solanum.....	93
Campanula.....	66	Japan Hop.....	72	Trumpet Creeper.....	65	Stephanotis.....	15
Canary Bird Flower.....	66	Japan Ivy.....	63	Tulip Poppy.....	71	Stevia.....	94
Candytuft.....	9, 66	Jerusalem Cherry.....	67	Umbrella Plant.....	63	Strawberry Guava.....	13
Canna.....	9, 74	Job's Tears.....	87	Verbena.....	9, 84	Sutherlandi.....	94
Canterbury Bells.....	66	Joseph's Coat.....	63	Vinca.....	84	Swainsonia.....	94
Cardinal Flower.....	73	Kenilworth Ivy.....	10	Violet.....	84	Tecoma.....	14
Cardiospermum.....	65	Lady's Slipper.....	65	Waitzia.....	84	Thyracanthus.....	94
Carnations.....	66	Lantana.....	72	Wall Flowers.....	84	Thunbergia.....	15
Cassia.....	66	Larkspur.....	72	Whitavia.....	84	Umbrella Plant.....	87
Castor Oil Bean.....	81	Lavatera.....	72	Wild Cucumber.....	84	Verbena.....	94
Catchfly.....	81	Leptosine.....	10, 72	Wild Flower Garden.....	84	Vinca.....	94
Celosia.....	66	Linum.....	72	Wind Flower.....	63	Violet.....	94
Centaurea.....	10, 66	Lobelia.....	72	Wolfsbane.....	62	Violet Tree.....	14
Centranthus.....	66	Look at Me.....	68	Xeranthemum.....	84	Water Hyacinth.....	86
Centrosema.....	68	Love Grove.....	74	Zinnia.....	84		
Chinese Bell Flower.....	62	Love in the Mist.....	74				
Chrysanthemum.....	67	Love Lies Bleeding.....	63				
Cineraria.....	67	Lupinus.....	73				
Clarkia.....	67	Lychnis.....	73				
Clematis.....	67	Maize, Japan.....	73				
Cleome Pungens.....	71	Malope.....	73				
Clintonia.....	67	Marigold.....	11, 73				
Cobaea.....	67	Marvel of Peru.....	73				
Cocinea.....	67	Marsh Mallow.....	71				
Cockscomb.....	68	Maricaria.....	73				
Coix.....	67	Maurandia.....	73				
Coleus.....	66	Mesembryanthemum.....	72				
Collinsia.....	71	Mignonette.....	11, 74				
Columbine.....	63	Mimulus.....	72				
Commelina.....	67	Mina.....	73				
Cone Flower.....	81	Mirabilis.....	73				
Convolvulus.....	73	Momordica.....	74				
Corn Flower.....	66	Monkey Flower.....	72				
Cosmos.....	67	Monk's Hood.....	62				
Crotolaria.....	67	Moonflower.....	72				
Cup Flower.....	74	Morning Glory.....	11, 73				
Cups and Saucers.....	67	Moss Rose.....	72				
Cyclamen.....	11, 68	Mountain Fringe.....	63				
Cyperus.....	68	Mountain Rose.....	63				
Cypress Vine.....	68	Mourning Bride.....	81				
Dahlia.....	65, 68	Myosotis.....	74				
Daisy.....	10, 68	Nasturtium.....	11, 74, 75				
Datura.....	72	Nemesia.....	74				
Dawn Flower.....	68	Nemophila.....	74				
Delphinium.....	68	Nerium.....	74				
Dianthus.....	109	Nicotiana.....	9, 74				
Digitalis.....	68	Nierembergia.....	74				
Dolichos.....	68	Nigella.....	74				
Dusty Miller.....	67	Oenothera.....	74				
Dutchman's Pipe.....	63	Oleander.....	74				
Edelweiss.....	68	Oxalis.....	10, 74				
Emerald Feather.....	63	Oxyura.....	80				
Erysimum.....	69	Palavia.....	80				
Eschscholtzia.....	68	Palms.....	80				
Eucharidium.....	69	Pansy.....	8, 76, 77				
Eulalia.....	69	Passion Flower.....	80				
Eupatorium.....	69	Patrinia.....	11				
Euphorbia.....	69	Pelargonium.....	80				
Eutoca.....	70	Pentstemon.....	80				
Evening Primrose.....	74	Periwinkle.....	84				

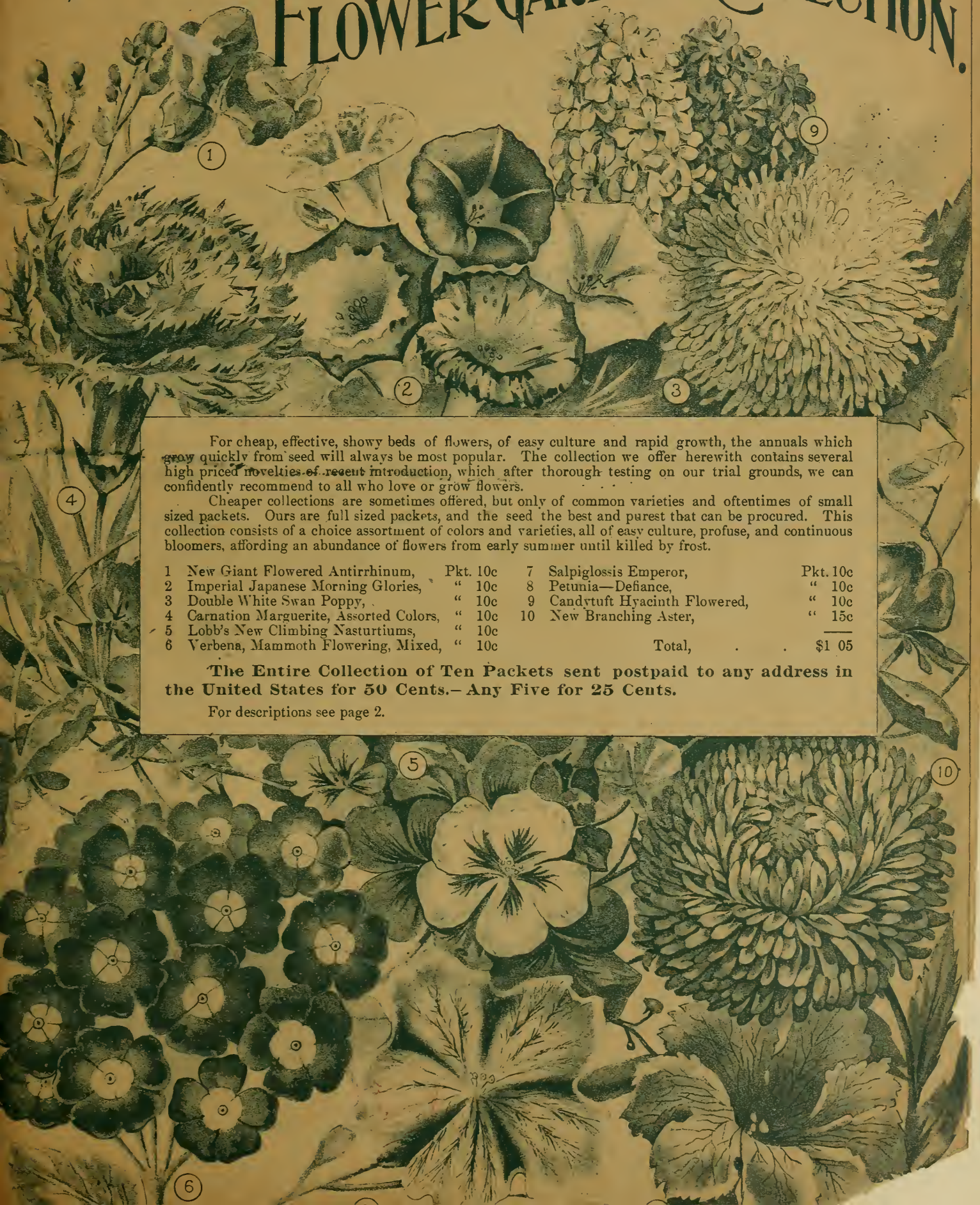
PLANTS.

BULBS AND TUBERS.

SUNDRIES.

Corn Planter.....	111
Corn Sheller.....	111
Fertilizers.....	109
Fruits.....	103 to 108
Garden Tools.....	110, 111
Grist Mill.....	111
Hardy Climbers.....	96
Hardy Herbaceous Plants.....	97, 98
Hardy Shrubs.....	16, 93, 97
Incubator.....	109
Insecticides.....	109
Insect Sprayers.....	111
Jadoo.....	109
Lawn Dressing.....	109
Lawn Mower.....	109
Lawn Roller.....	109
Pearl Grit.....	109
Plant Food.....	109
Plant Sprinkler.....	111
Seeds.....	110, 111
Slug Shot.....	109
Sprayers.....	111
Tools.....	52, 60, 110, 111
Weed Killer.....	102

AMATEUR'S FLOWER GARDEN COLLECTION.



For cheap, effective, showy beds of flowers, of easy culture and rapid growth, the annuals which grow quickly from seed will always be most popular. The collection we offer herewith contains several high priced novelties of recent introduction, which after thorough testing on our trial grounds, we can confidently recommend to all who love or grow flowers.

Cheaper collections are sometimes offered, but only of common varieties and oftentimes of small sized packets. Ours are full sized packets, and the seed the best and purest that can be procured. This collection consists of a choice assortment of colors and varieties, all of easy culture, profuse, and continuous bloomers, affording an abundance of flowers from early summer until killed by frost.

1 New Giant Flowered Antirrhinum,	Pkt. 10c	7 Salpiglossis Emperor,	Pkt. 10c
2 Imperial Japanese Morning Glories,	" 10c	8 Petunia—Defiance,	" 10c
3 Double White Swan Poppy,	" 10c	9 Candytuft Hyacinth Flowered,	" 10c
4 Carnation Marguerite, Assorted Colors,	" 10c	10 New Branching Aster,	" 15c
5 Lobb's New Climbing Nasturtiums,	" 10c		
6 Verbena, Mammoth Flowering, Mixed,	" 10c	Total,	\$1 05

The Entire Collection of Ten Packets sent postpaid to any address in the United States for 50 Cents.—Any Five for 25 Cents.

For descriptions see page 2.

EVERYTHING ^{FOR THE} FARM, FIELD, GARDEN & LAWN.

EARLY,
HARDY,
PROLIFIC,
MILDEW PROOF.

DESCRIPTION.

A Magnificent Variety that Has Created a Greater Sensation than anything in the Fruit Line that Has ever been Introduced.

It grows in upright tree form throwing its branches straight out or upright, holding the mammoth berries far above the ground. The fruit is of immense size, often measuring $1\frac{1}{2}$ to 2 inches in length, a rich deep red in color, and resembles more a peach or red plum than a gooseberry. In flavor and quality it is unequalled, being entirely free from the coarseness so often found in the smaller sorts.

Another and most valuable feature of this splendid berry is its **hardiness**. It has been thoroughly tested in all sections of America and **proven to be perfectly hardy**, standing the severe winters of the North without any protection. In addition to this it is **mildew proof**, never showing the least sign of Mildew, rot, blight or any other disease so common to this fruit. It attains a marketable size quite three weeks earlier than any other gooseberry, consequently commands the highest price, and is now generally admitted to be the heaviest cropping variety in cultivation, and is much prized in the green state.

It has never been known to fail in producing a splendid crop, even in seasons when other varieties were blank. This Gooseberry has a peculiar advantage over others by coming into leaf sometimes before it flowers, consequently the foliage protects the bloom from destructive spring frosts. Indeed taking everything into consideration, it is a gooseberry in the highest state of perfection and a variety that every gardener, farmer and fruit grower in America should have.

CAUTION—We are headquarters for this variety and have not sold a single tree to any firm in the United States. Send all orders direct to us for the true stock. Price for 1901, 1 year stock, 30 cents each; 3 for 75 cents postpaid; 12 for \$2.50 by express; 2 year stock 50 cents each postpaid; 12 for \$4.00 by express.

WHINHAM'S TREE

GOOSEBERRY.

J. M. MAY & CO., ST. PAUL, MINN.